

Data File : VU033389.D
Acq On : 24 Jul 2019 12:41
Operator : JC/SP
Sample : VU0724WBS01
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 5 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
VU0724WBS01

Quant Time: Jul 25 07:45:21 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\524U072219DW.M
Quant Title : METHOD 524.2 VOLATILES DRINKING WATER
QLast Update : Wed Jul 24 03:53:19 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Fluorobenzene	5.72	96	28334	1.00	ug/l	0.00

System Monitoring Compounds

57) 4-Bromofluorobenzene	10.30	95	10924	0.98	ug/l	0.00
Spiked Amount 1.000			Recovery	=	98.00%	
68) 1,2-Dichlorobenzene-d4	11.85	152	11752	1.02	ug/l	0.00
Spiked Amount 1.000			Recovery	=	102.00%	

Target Compounds

					Qvalue
2) Dichlorodifluoromethane	1.20	85	24873	2.123 ug/l	98
3) Chloromethane	1.33	50	25012	1.934 ug/l	98
4) Vinyl Chloride	1.40	62	27988	1.939 ug/l	100
5) Bromomethane	1.62	94	20266	2.231 ug/l	96
6) Chloroethane	1.69	64	17988	1.775 ug/l	100
7) Trichlorofluoromethane	1.88	101	39947	2.016 ug/l	99
8) 1,1,2-Trichloro-1,2,2-trif	2.27	101	21110	2.065 ug/l	97
9) 1,1-Dichloroethene	2.27	96	20128	1.999 ug/l	95
10) Iodomethane	2.40	142	18485	1.366 ug/l	98
11) Allyl Chloride	2.58	41	32567	1.960 ug/l	97
12) Acrylonitrile	2.92	53	9459	3.366 ug/l	98
13) Acetone	2.31	43	23440	9.776 ug/l	96
14) Carbon Disulfide	2.46	76	72917	1.906 ug/l	97
15) Methylene Chloride	2.68	84	26061	1.919 ug/l	98
16) trans-1,2-Dichloroethene	2.96	96	23593	1.973 ug/l	94
17) 1,1-Dichloroethane	3.42	63	33783	2.105 ug/l	99
18) 2-Butanone	4.26	43	20730	9.058 ug/l	97
19) Cyclohexane	4.97	56	19070	1.619 ug/l	90
20) Methylcyclohexane	6.40	83	22207	1.873 ug/l	96
21) 2,2-Dichloropropane	4.19	77	28964	2.130 ug/l	99
22) cis-1,2-Dichloroethene	4.20	96	18701	2.064 ug/l	96
23) Diethyl Ether	2.09	59	15949	1.838 ug/l	97
24) tert-Butyl Alcohol	2.82	59	19564	13.698 ug/l	98
25) Methyl tert-Butyl Ether	2.98	73	52934	1.826 ug/l	100
26) Bromochloromethane	4.52	128	8008	2.010 ug/l	98
27) Chloroform	4.65	83	36282	1.978 ug/l	97
28) 1,1,1-Trichloroethane	4.89	97	28812	2.029 ug/l	99
29) 1,1-Dichloropropene	5.11	75	22273	1.902 ug/l	98
30) Carbon Tetrachloride	5.11	117	24823	1.986 ug/l	98
31) Isopropyl Ether	3.56	45	38061	1.877 ug/l	93
32) Ethyl-t-butyl ether	4.05	59	34478	1.768 ug/l	95
33) Tert-Amyl methyl ether	5.56	73	30493	1.739 ug/l	96
34) Propionitrile	4.31	54	5814	8.856 ug/l #	87
35) Benzene	5.37	78	66977	1.979 ug/l	100
36) 1,2-Dichloroethane	5.39	62	22430	1.992 ug/l	100
37) Trichloroethene	6.17	130	16700	1.870 ug/l	94
38) 1,2-Dichloropropane	6.41	63	16978	1.819 ug/l	95
39) Methacrylonitrile	4.53	41	4956	1.902 ug/l #	89
40) Methyl acrylate	4.41	55	7520	1.855 ug/l #	88
41) Tetrahydrofuran	4.63	42	4671	3.574 ug/l	95
42) 1-Chlorobutane	5.04	56	30225	1.925 ug/l	93

Data File : VU033389.D
Acq On : 24 Jul 2019 12:41
Operator : JC/SP
Sample : VU0724WBS01
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 5 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
VU0724WBS01

Quant Time: Jul 25 07:45:21 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\524U072219DW.M
Quant Title : METHOD 524.2 VOLATILES DRINKING WATER
QLast Update : Wed Jul 24 03:53:19 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
43) Dibromomethane	6.54	93	9283	1.796	ug/l	90
44) Bromodichloromethane	6.74	83	24593	1.974	ug/l	98
45) 4-Methyl-2-Pentanone	7.45	43	45725	8.675	ug/l	93
46) t-1,4-Dichloro-2-butene	10.48	75	20744	9.751	ug/l #	51
47) Methyl methacrylate	6.61	69	13618	3.457	ug/l	96
48) Ethyl methacrylate	8.01	69	11579	1.668	ug/l	99
49) Toluene	7.62	92	38387	1.980	ug/l	96
50) t-1,3-Dichloropropene	7.86	75	18658	1.795	ug/l	100
51) cis-1,3-Dichloropropene	7.25	75	23149	1.886	ug/l	98
52) 1,1,2-Trichloroethane	8.05	97	13363	1.935	ug/l	97
53) 1,3-Dichloropropane	8.23	76	22799	1.953	ug/l	98
54) 2-Hexanone	8.35	43	29423	7.930	ug/l	97
55) Dibromochloromethane	8.46	129	16286	2.019	ug/l	99
56) 1,2-Dibromoethane	8.57	107	12024	1.868	ug/l	98
58) Tetrachloroethene	8.21	164	15717	1.941	ug/l	99
59) Chlorobenzene	9.10	112	42605	1.917	ug/l	94
60) 1,1,1,2-Tetrachloroethane	9.19	131	16391	1.942	ug/l	98
61) Pentachloroethane	11.09	117	14773	2.133	ug/l	90
62) Hexachloroethane	12.13	117	13174	1.966	ug/l	97
63) Ethyl Benzene	9.23	91	64599	1.810	ug/l	97
64) m/p-Xylenes	9.36	106	53004	3.715	ug/l	95
65) o-Xylene	9.76	106	24881	1.820	ug/l	98
66) Styrene	9.78	104	41966	1.810	ug/l	98
67) Bromoform	9.94	173	8589	1.967	ug/l #	97
69) Isopropylbenzene	10.15	105	64987	1.854	ug/l	98
70) 1,1,2,2-Tetrachloroethane	10.44	83	17877	1.953	ug/l	99
71) 1,2,3-Trichloropropane	10.48	75	20744	2.935	ug/l #	72
72) Bromobenzene	10.44	156	18225	1.968	ug/l	99
73) n-propylbenzene	10.57	120	19069	1.908	ug/l	100
74) 2-Chlorotoluene	10.65	126	17873	1.959	ug/l	95
75) 1,3,5-Trimethylbenzene	10.76	105	60910	1.935	ug/l	99
76) 4-Chlorotoluene	10.76	126	18772	1.975	ug/l	100
77) tert-Butylbenzene	11.08	119	57101	1.914	ug/l	99
78) 1,2,4-Trimethylbenzene	11.13	105	61590	1.915	ug/l	100
79) sec-Butylbenzene	11.31	105	80327	1.957	ug/l	100
80) Nitrobenzene	12.86	77	1333	3.503	ug/l #	67
81) p-Isopropyltoluene	11.46	119	64033	1.918	ug/l	99
82) 1,3-Dichlorobenzene	11.40	146	39882	2.026	ug/l	99
83) 1,4-Dichlorobenzene	11.49	146	39301	2.018	ug/l	99
84) n-Butylbenzene	11.87	91	65692	1.923	ug/l	97
85) 1,2-Dichlorobenzene	11.86	146	37124	2.012	ug/l	98
86) 1,2-Dibromo-3-Chloropropan	12.64	75	3119	2.166	ug/l	85
87) 1,2,4-Trichlorobenzene	13.49	180	20204	1.840	ug/l	95
88) Hexachlorobutadiene	13.68	225	14112	2.084	ug/l	97
89) Naphthalene	13.73	128	28905	1.741	ug/l	100
90) 1,2,3-Trichlorobenzene	13.98	180	18558	1.741	ug/l	100

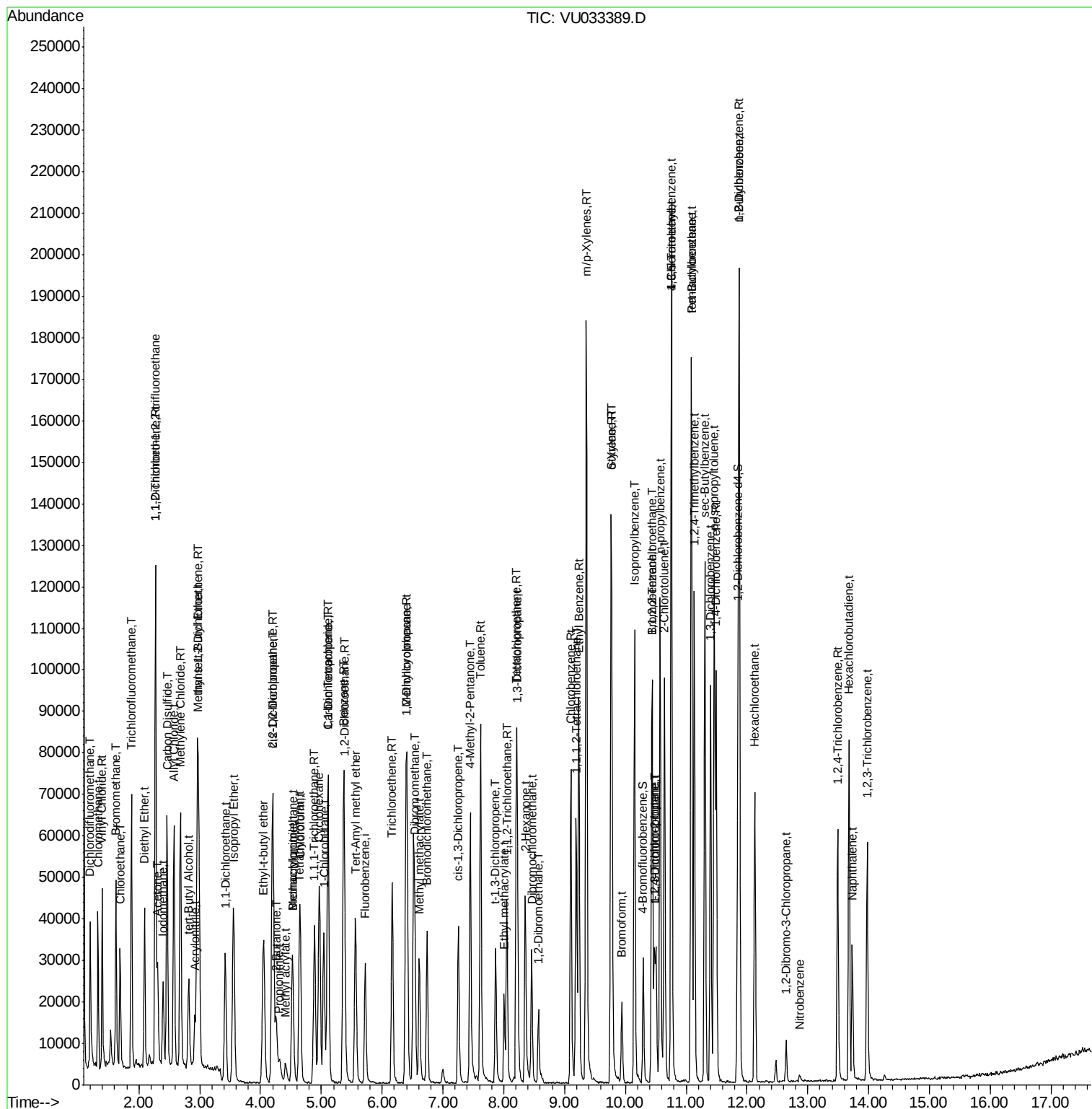
(#) = qualifier out of range (m) = manual integration (+) = signals summed

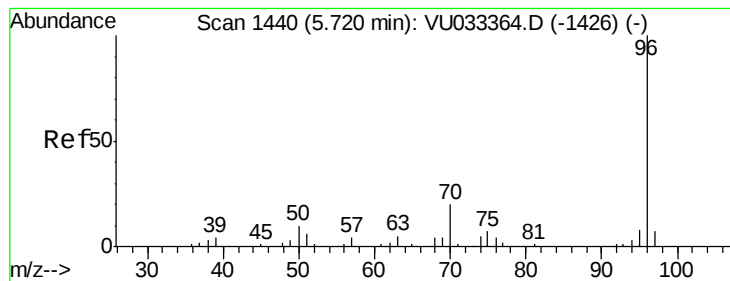
Data File : VU033389.D

```
Acq On       : 24 Jul 2019   12:41
Operator     : JC/SP
Sample       : VU0724WS01
Misc         : 25.0mL/MSV0A_U/WATER
ALS Vial     : 5      Sample Multiplier: 1
```

Instrument :
MSVOA_U
ClientSampleId :
VU0724WBS01

Quant Time: Jul 25 07:45:21 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSV0A_U\METHOD\524U072219DW.M
Quant Title : METHOD 524.2 VOLATILES DRINKING WATER
QLast Update : Wed Jul 24 03:53:19 2019
Response via : Initial Calibration





#1

Fluorobenzene

Concen: 1.000 ug/l

RT: 5.72 min Scan# 1441

Delta R.T. 0.00 min

Lab File: VU033389.D

Acq: 24 Jul 2019 12:41

Instrument :

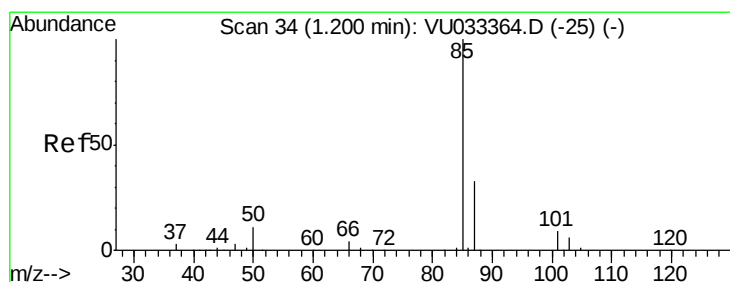
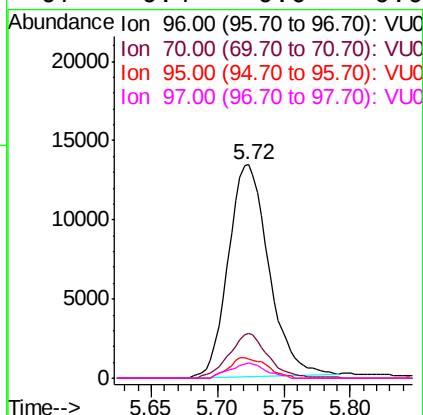
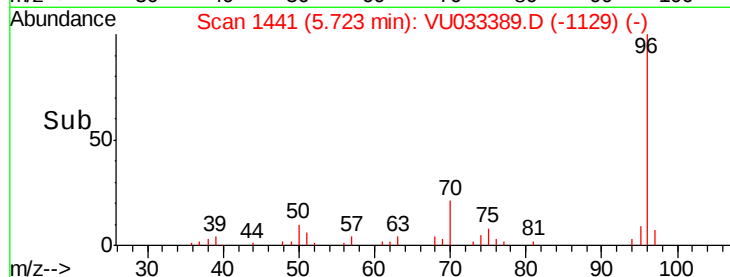
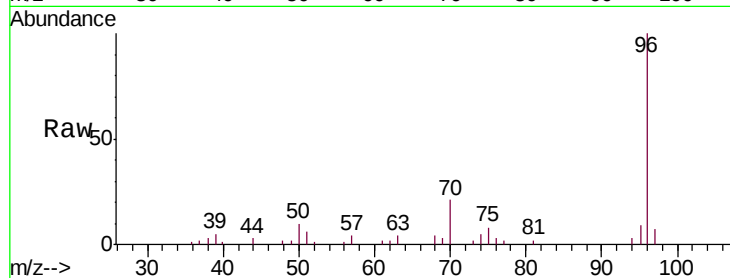
MSVOA_U

ClientSampleId :

VU0724WBS01

Tgt Ion: 96 Resp: 28334

Ion	Ratio	Lower	Upper
96	100		
70	19.3	16.4	24.6
95	9.0	6.7	10.1
97	6.4	0.0	0.0#



#2

Dichlorodifluoromethane

Concen: 2.123 ug/l

RT: 1.20 min Scan# 34

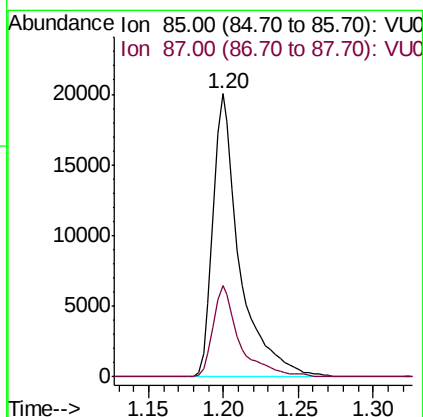
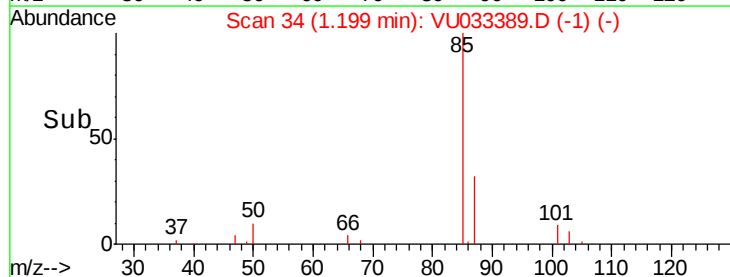
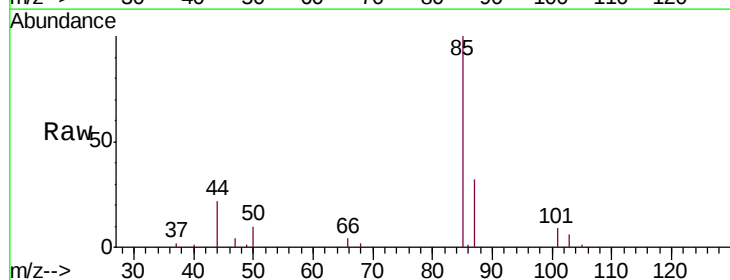
Delta R.T. -0.00 min

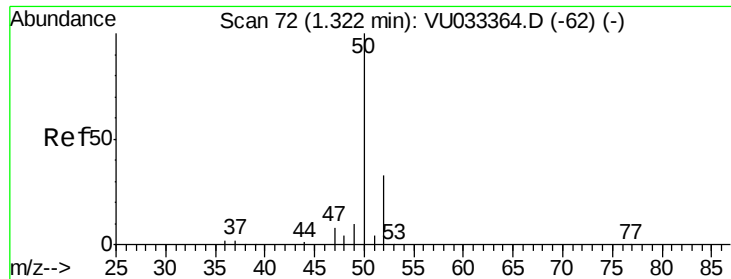
Lab File: VU033389.D

Acq: 24 Jul 2019 12:41

Tgt Ion: 85 Resp: 24873

Ion	Ratio	Lower	Upper
85	100		
87	32.1	16.6	49.7





#3

Chloromethane

Concen: 1.934 ug/l

RT: 1.33 min Scan# 74

Delta R.T. 0.01 min

Lab File: VU033389.D

Acq: 24 Jul 2019 12:41

Instrument :

MSVOA_U

ClientSampleId :

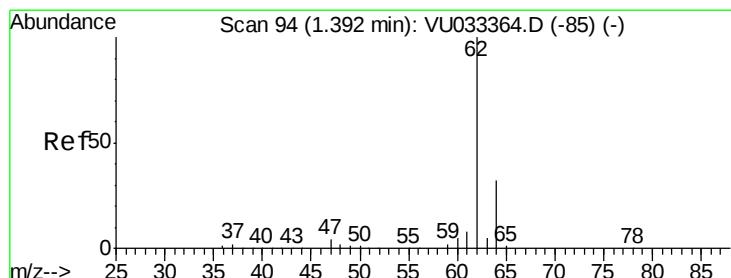
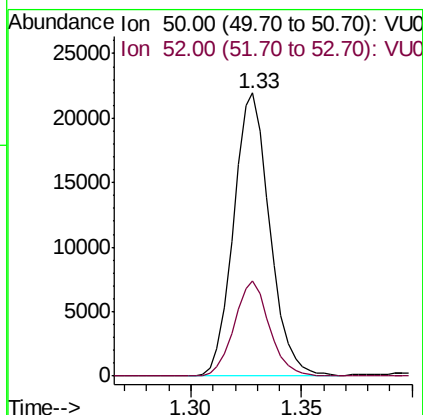
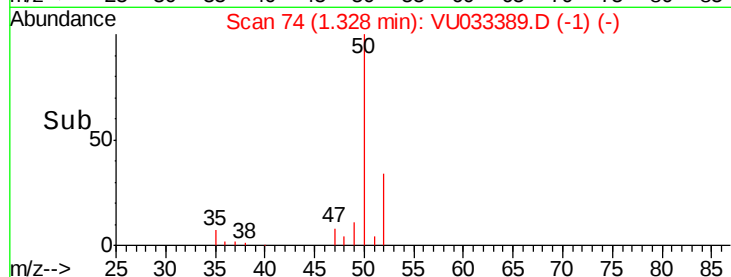
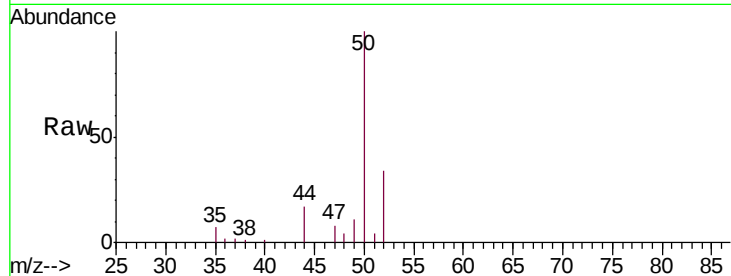
VU0724WBS01

Tgt Ion: 50 Resp: 25012

Ion Ratio Lower Upper

50 100

52 33.7 26.1 39.1



#4

Vinyl Chloride

Concen: 1.939 ug/l

RT: 1.40 min Scan# 95

Delta R.T. 0.00 min

Lab File: VU033389.D

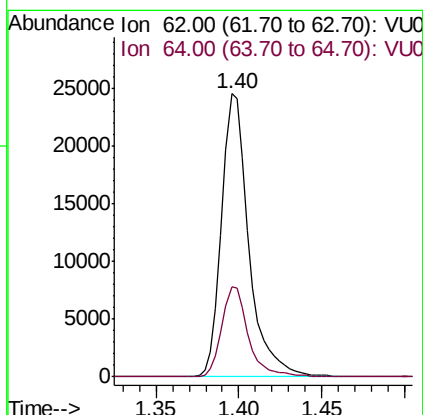
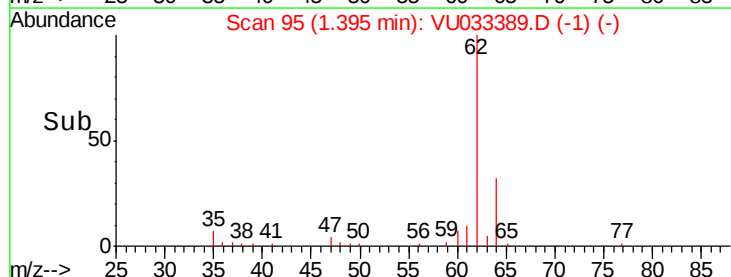
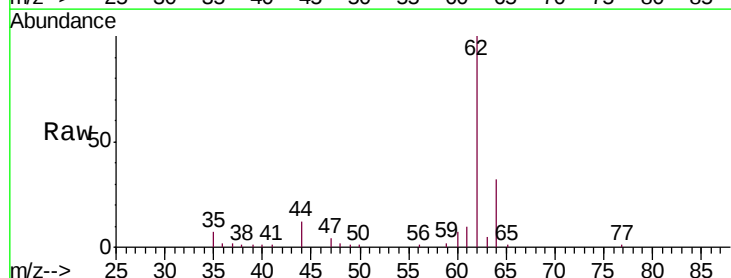
Acq: 24 Jul 2019 12:41

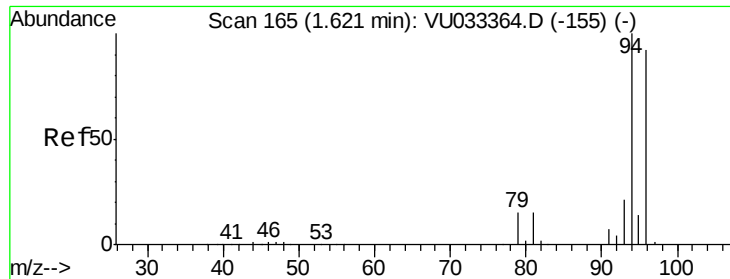
Tgt Ion: 62 Resp: 27988

Ion Ratio Lower Upper

62 100

64 31.8 25.6 38.4





#5

Bromomethane

Concen: 2.231 ug/l

RT: 1.62 min Scan# 165

Delta R.T. -0.00 min

Lab File: VU033389.D

Acq: 24 Jul 2019 12:41

Instrument :

MSVOA_U

ClientSampleId :

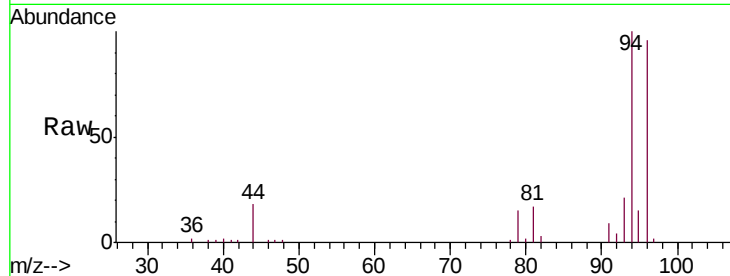
VU0724WBS01

Tgt Ion: 94 Resp: 20266

Ion Ratio Lower Upper

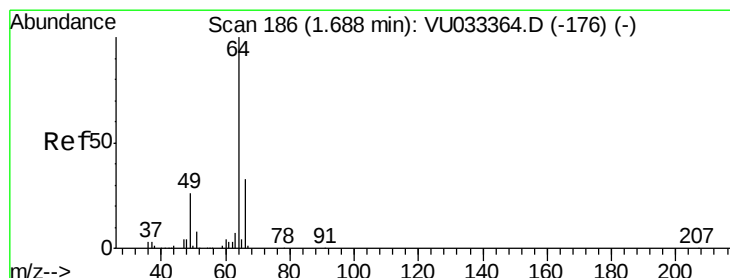
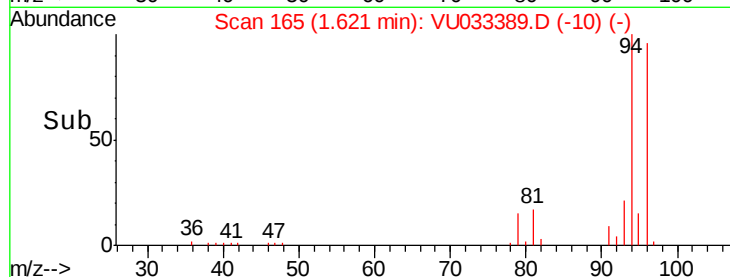
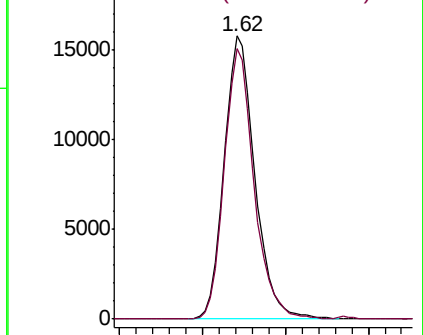
94 100

96 95.6 73.2 109.8



Abundance Ion 94.00 (93.70 to 94.70): VU0

Ion 96.00 (95.70 to 96.70): VU0



#6

Chloroethane

Concen: 1.775 ug/l

RT: 1.69 min Scan# 187

Delta R.T. 0.00 min

Lab File: VU033389.D

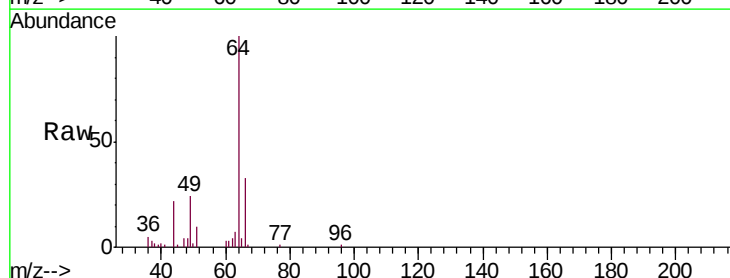
Acq: 24 Jul 2019 12:41

Tgt Ion: 64 Resp: 17988

Ion Ratio Lower Upper

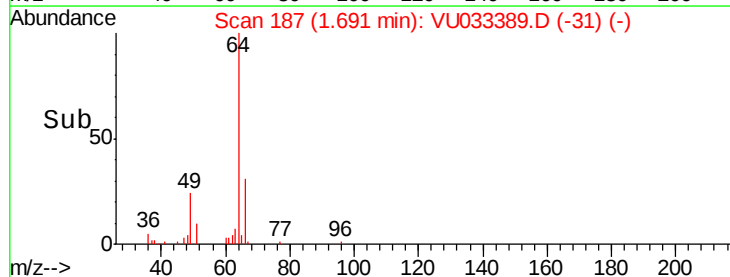
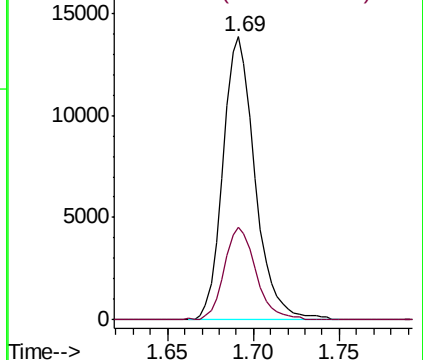
64 100

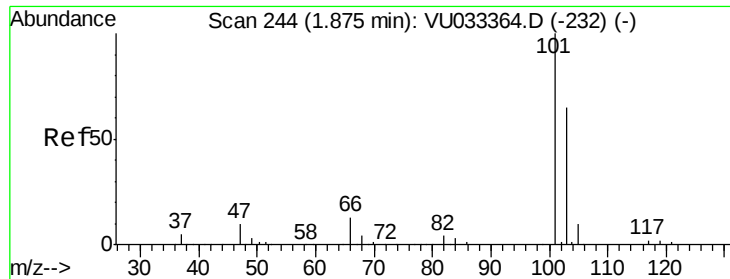
66 32.9 26.4 39.6



Abundance Ion 64.00 (63.70 to 64.70): VU0

Ion 66.00 (65.70 to 66.70): VU0





#7

Trichlorofluoromethane

Concen: 2.016 ug/l

RT: 1.88 min Scan# 245

Delta R.T. 0.00 min

Lab File: VU033389.D

Acq: 24 Jul 2019 12:41

Instrument :

MSVOA_U

ClientSampleId :

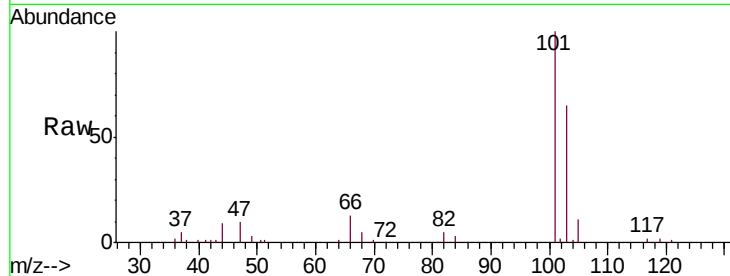
VU0724WBS01

Tgt Ion:101 Resp: 39947

Ion Ratio Lower Upper

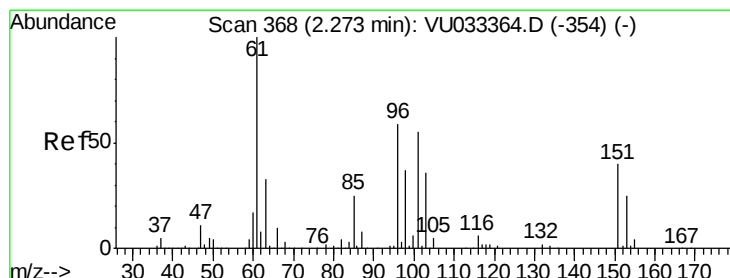
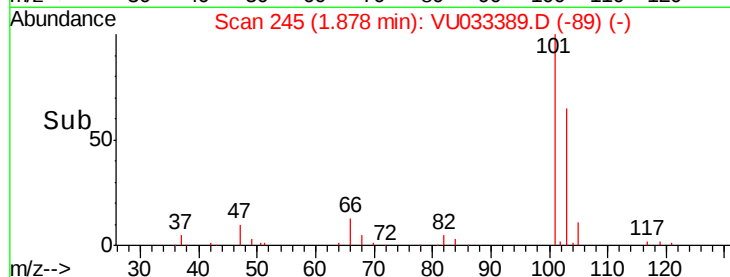
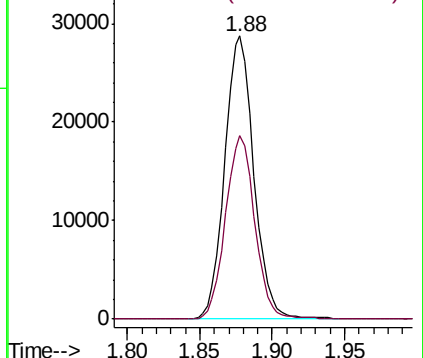
101 100

103 64.7 52.2 78.2



Abundance Ion 101.00 (100.70 to 101.70): V

Ion 103.00 (102.70 to 103.70): V



#8

1,1,2-Trichloro-1,2,2-trifluoroethane

Concen: 2.065 ug/l

RT: 2.27 min Scan# 368

Delta R.T. -0.00 min

Lab File: VU033389.D

Acq: 24 Jul 2019 12:41

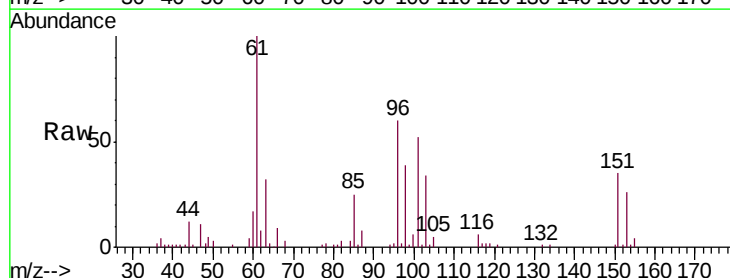
Tgt Ion:101 Resp: 21110

Ion Ratio Lower Upper

101 100

85 46.6 37.5 56.3

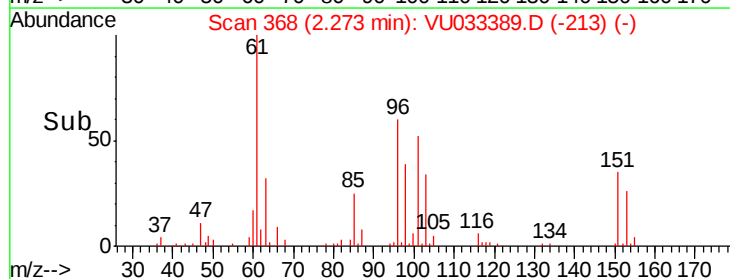
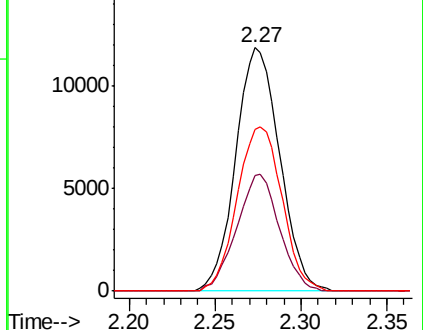
151 68.8 58.3 87.5

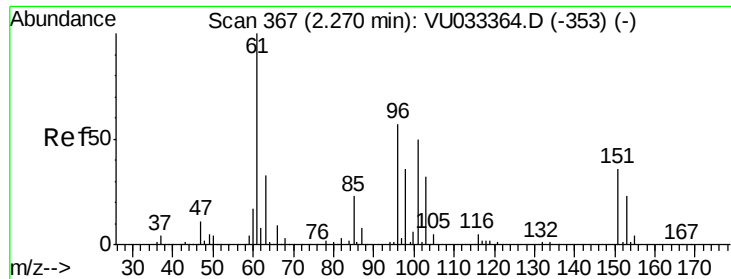


Abundance Ion 101.00 (100.70 to 101.70): V

Ion 85.00 (84.70 to 85.70): VU0

Ion 151.00 (150.70 to 151.70): V





#9

1,1-Dichloroethene

Concen: 1.999 ug/l

RT: 2.27 min Scan# 368

Delta R.T. 0.00 min

Lab File: VU033389.D

Acq: 24 Jul 2019 12:41

Instrument :

MSVOA_U

ClientSampleId :

VU0724WBS01

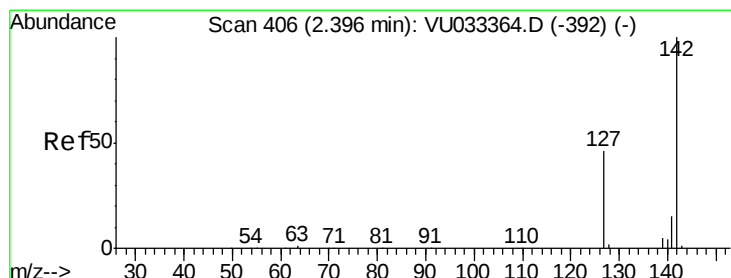
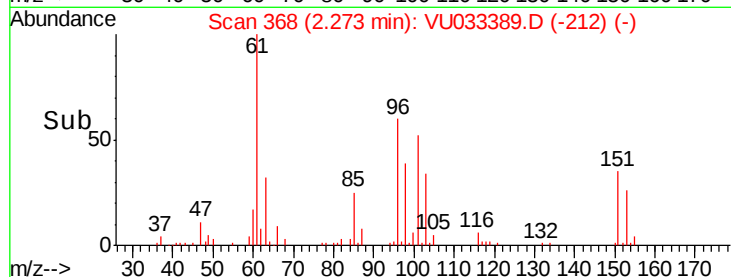
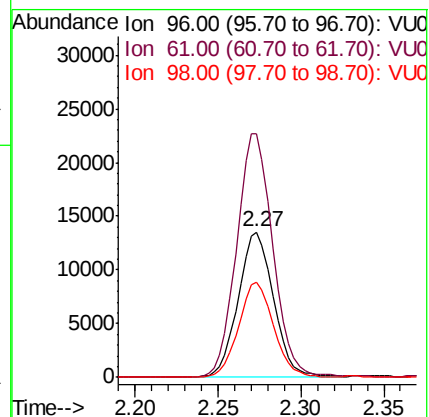
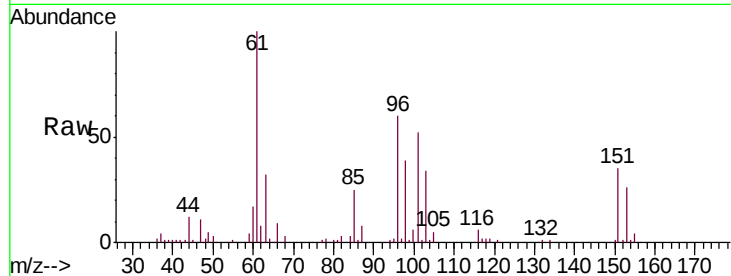
Tgt Ion: 96 Resp: 20128

Ion Ratio Lower Upper

96 100

61 167.5 0.0 525.6

98 65.6 0.0 126.4



#10

Iodomethane

Concen: 1.366 ug/l

RT: 2.40 min Scan# 407

Delta R.T. 0.00 min

Lab File: VU033389.D

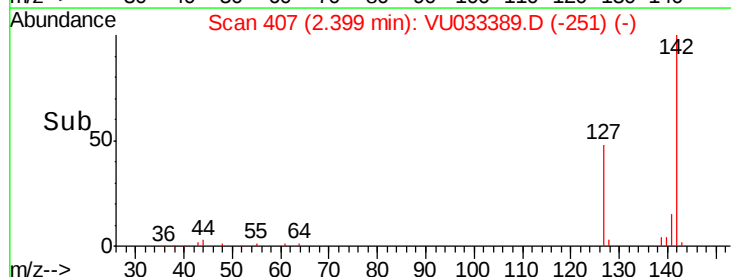
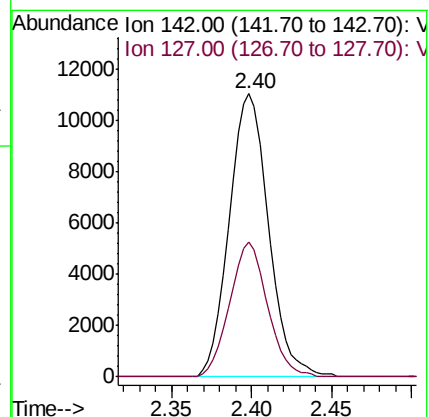
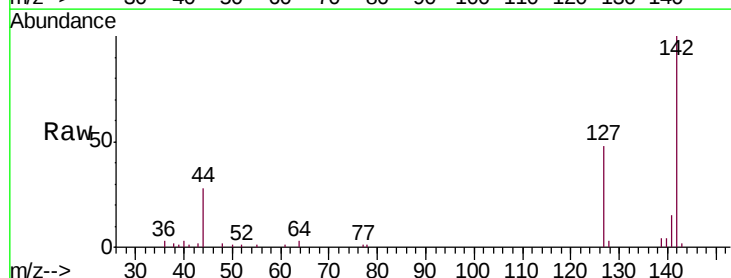
Acq: 24 Jul 2019 12:41

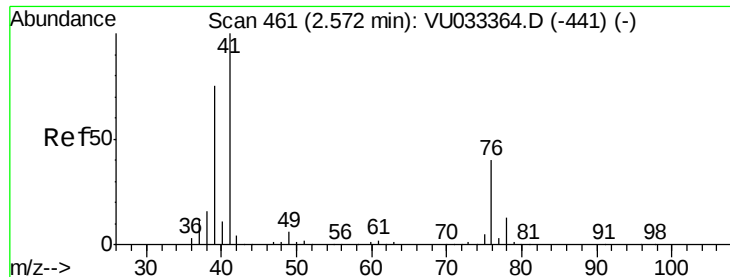
Tgt Ion: 142 Resp: 18485

Ion Ratio Lower Upper

142 100

127 45.8 37.8 56.6

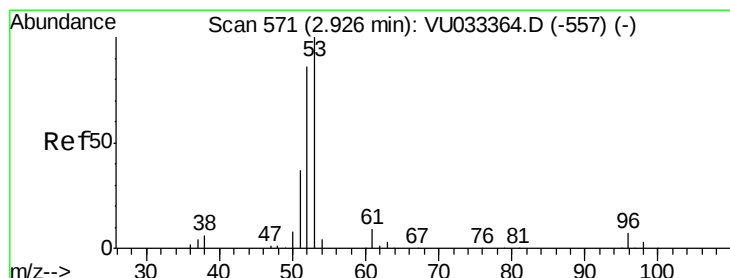
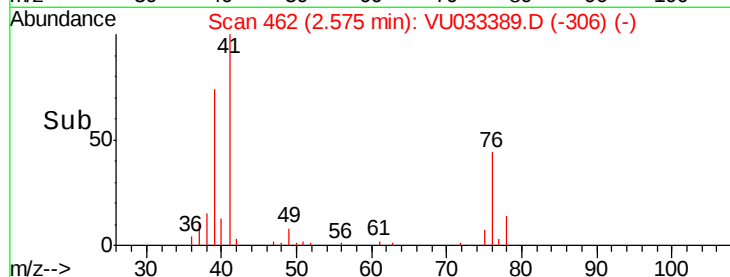
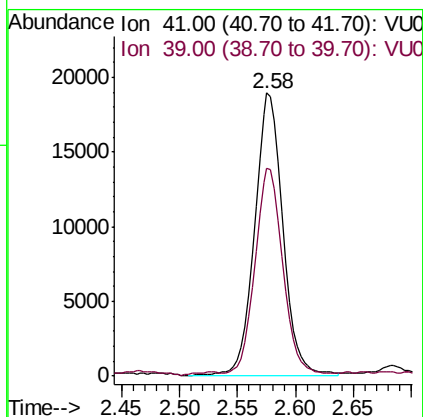
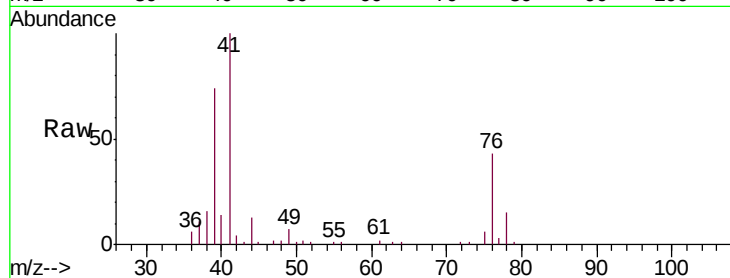




#11
 Allyl Chloride
 Concen: 1.960 ug/l
 RT: 2.58 min Scan# 462
 Delta R.T. 0.00 min
 Lab File: VU033389.D
 Acq: 24 Jul 2019 12:41

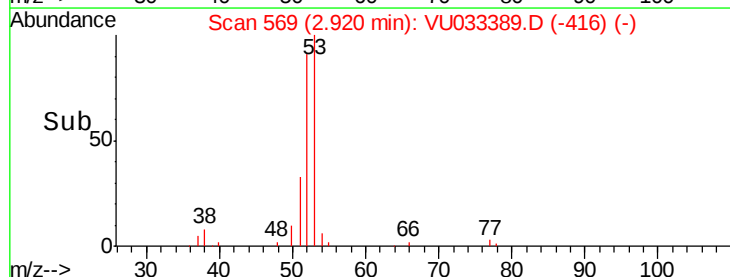
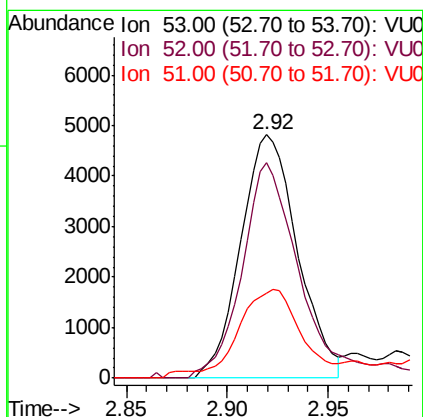
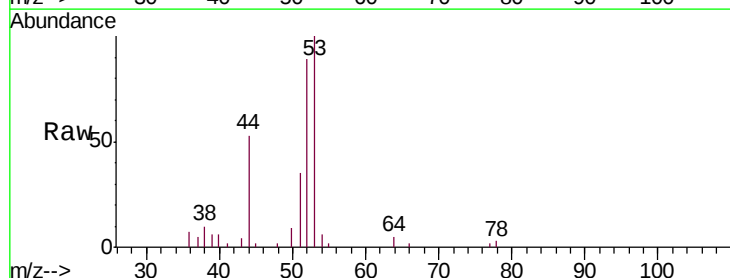
Instrument :
 MSVOA_U
 ClientSampleId :
 VU0724WBS01

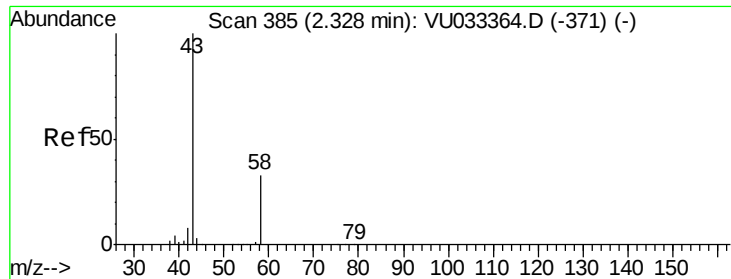
Tgt Ion: 41 Resp: 32567
 Ion Ratio Lower Upper
 41 100
 39 70.5 58.7 88.1



#12
 Acrylonitrile
 Concen: 3.366 ug/l
 RT: 2.92 min Scan# 569
 Delta R.T. -0.01 min
 Lab File: VU033389.D
 Acq: 24 Jul 2019 12:41

Tgt Ion: 53 Resp: 9459
 Ion Ratio Lower Upper
 53 100
 52 88.2 69.8 104.8
 51 33.4 29.1 43.7





#13

Acetone

Concen: 9.776 ug/l

RT: 2.31 min Scan# 379

Delta R.T. -0.02 min

Lab File: VU033389.D

Acq: 24 Jul 2019 12:41

Instrument :

MSVOA_U

ClientSampleId :

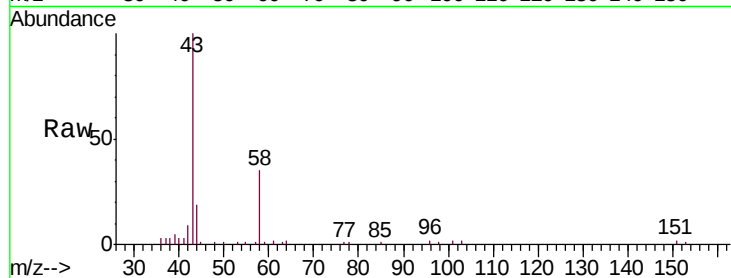
VU0724WBS01

Tgt Ion: 43 Resp: 23440

Ion Ratio Lower Upper

43 100

58 35.2 26.3 39.5



Abundance Ion 43.00 (42.70 to 43.70): VU033364.D (-371) (-)

Ion 58.00 (57.70 to 58.70): VU033364.D (-371) (-)

2.31

15000

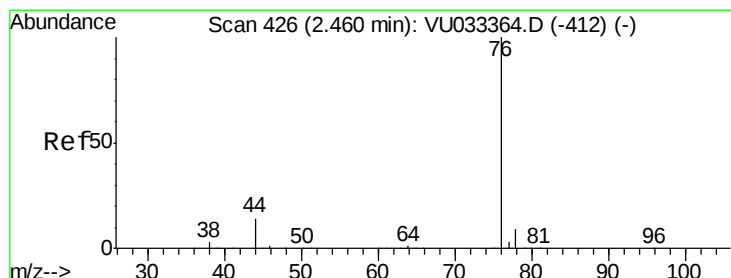
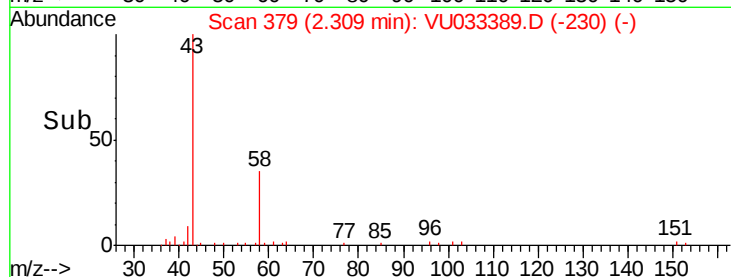
10000

5000

0

Time-->

2.20 2.25 2.30 2.35 2.40



#14

Carbon Disulfide

Concen: 1.906 ug/l

RT: 2.46 min Scan# 427

Delta R.T. 0.00 min

Lab File: VU033389.D

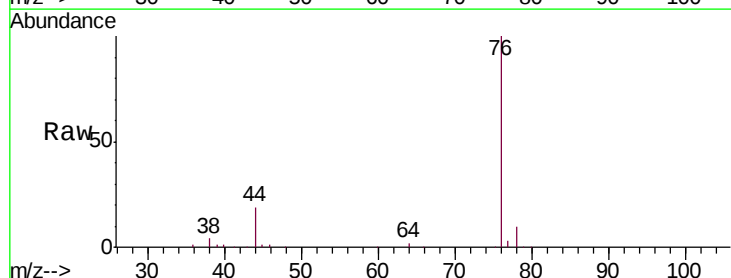
Acq: 24 Jul 2019 12:41

Tgt Ion: 76 Resp: 72917

Ion Ratio Lower Upper

76 100

78 9.8 7.1 10.7



Abundance Ion 76.00 (75.70 to 76.70): VU033364.D (-412) (-)

Ion 78.00 (77.70 to 78.70): VU033364.D (-412) (-)

2.46

50000

40000

30000

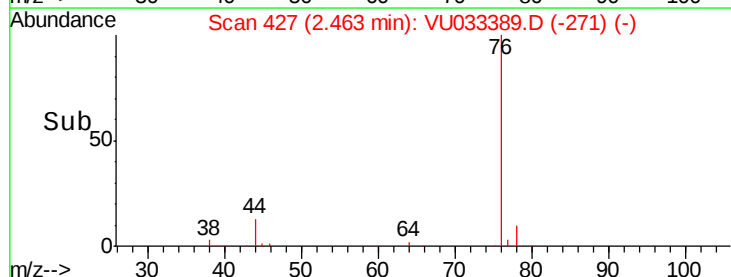
20000

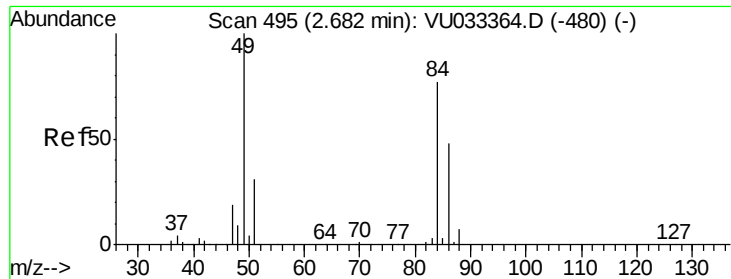
10000

0

Time-->

2.40 2.45 2.50 2.55

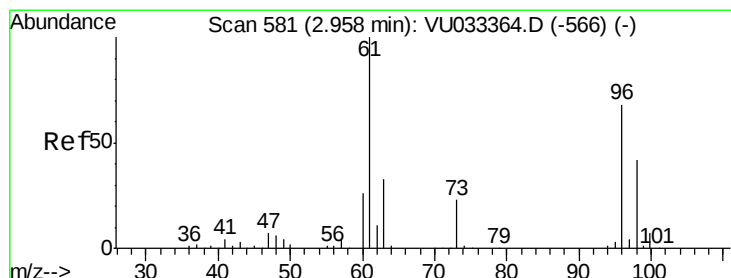
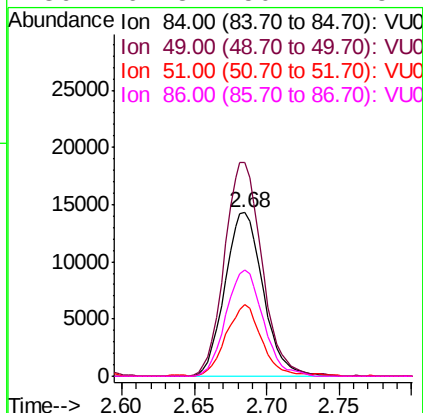
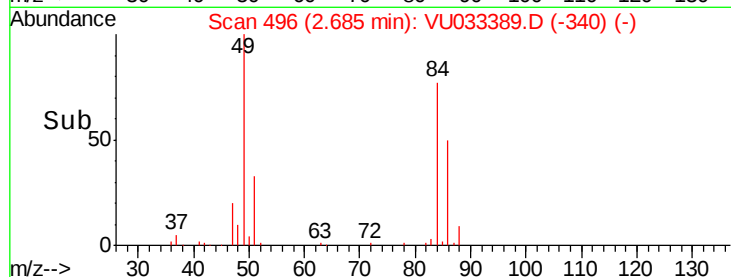
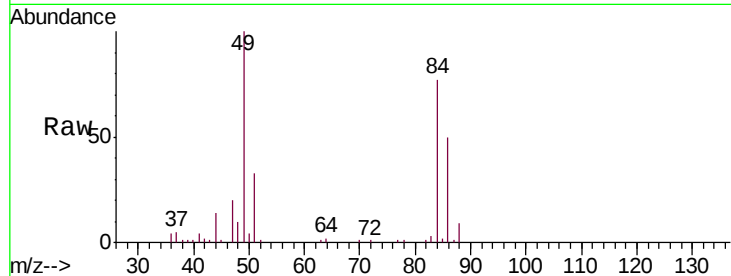




#15
Methylene Chloride
Concen: 1.919 ug/l
RT: 2.68 min Scan# 496
Delta R.T. 0.00 min
Lab File: VU033389.D
Acq: 24 Jul 2019 12:41

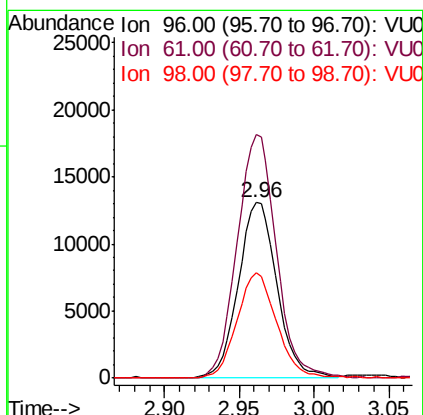
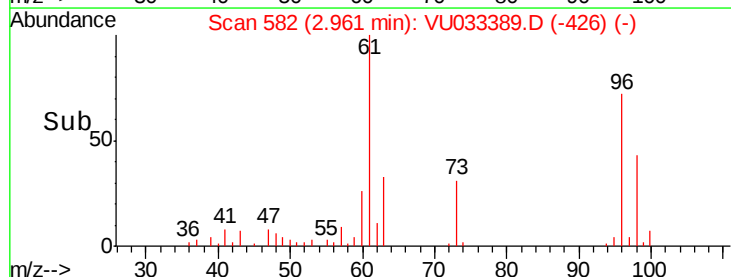
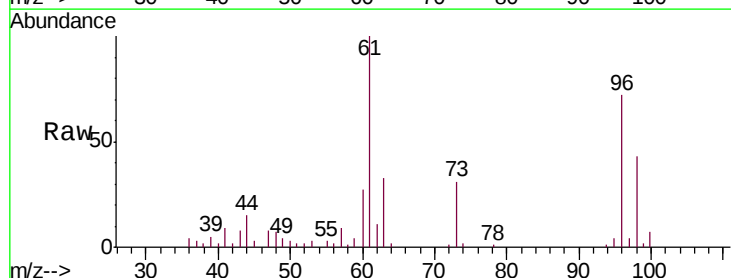
Instrument :
MSVOA_U
ClientSampleId :
VU0724WBS01

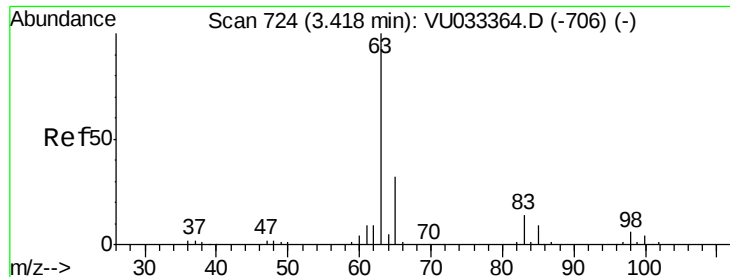
Tgt Ion: 84 Resp: 26061
Ion Ratio Lower Upper
84 100
49 130.4 103.5 155.3
51 43.4 0.0 80.4
86 64.8 50.1 75.1



#16
trans-1,2-Dichloroethene
Concen: 1.973 ug/l
RT: 2.96 min Scan# 582
Delta R.T. 0.00 min
Lab File: VU033389.D
Acq: 24 Jul 2019 12:41

Tgt Ion: 96 Resp: 23593
Ion Ratio Lower Upper
96 100
61 138.7 118.0 177.0
98 60.1 49.4 74.2





#17

1,1-Dichloroethane

Concen: 2.105 ug/l

RT: 3.42 min Scan# 725

Delta R.T. 0.00 min

Lab File: VU033389.D

Acq: 24 Jul 2019 12:41

Instrument :

MSVOA_U

ClientSampleId :

VU0724WBS01

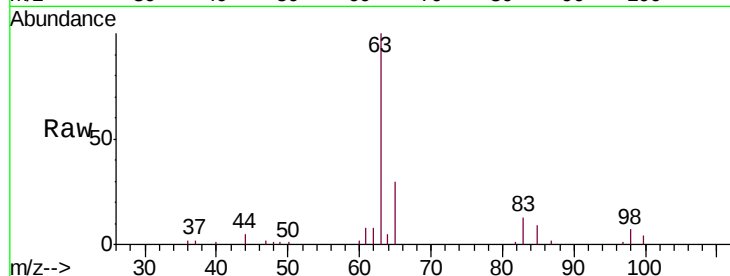
Tgt Ion: 63 Resp: 33783

Ion Ratio Lower Upper

63 100

98 6.9 3.2 9.6

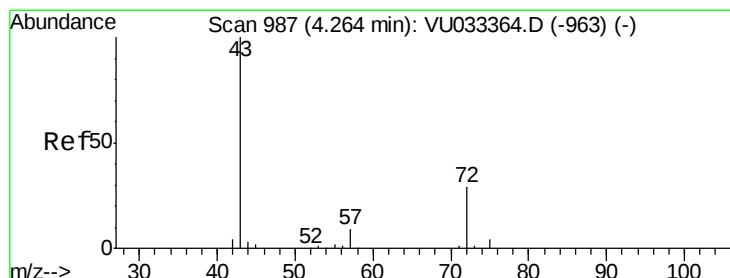
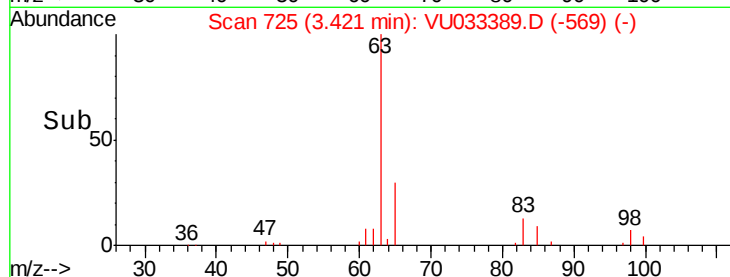
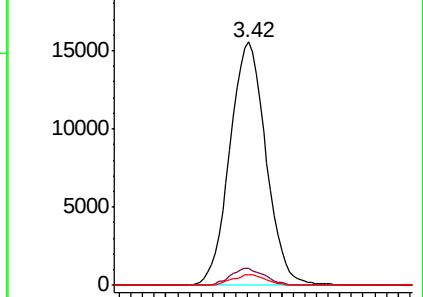
100 4.4 2.1 6.2



Abundance Ion 63.00 (62.70 to 63.70): VU033364.D (-706) (-)

Ion 98.00 (97.70 to 98.70): VU033364.D (-706) (-)

Ion 100.00 (99.70 to 100.70): VU033364.D (-706) (-)



#18

2-Butanone

Concen: 9.058 ug/l

RT: 4.26 min Scan# 986

Delta R.T. -0.00 min

Lab File: VU033389.D

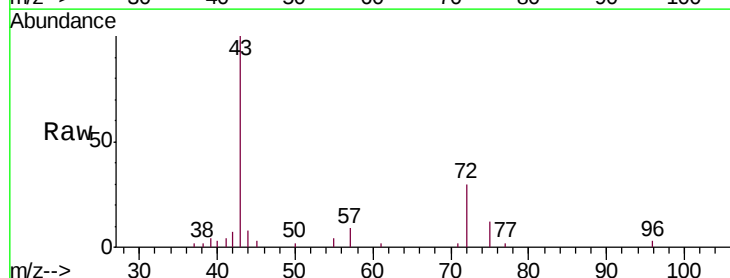
Acq: 24 Jul 2019 12:41

Tgt Ion: 43 Resp: 20730

Ion Ratio Lower Upper

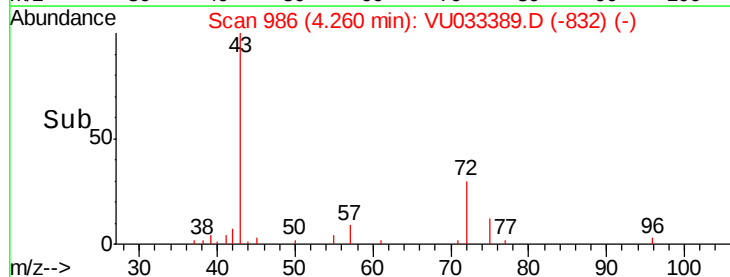
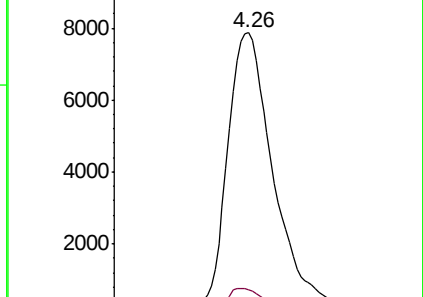
43 100

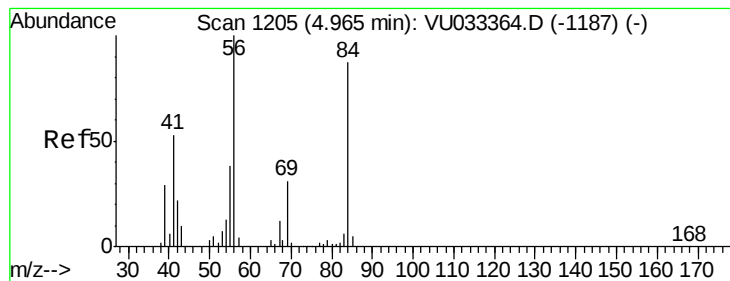
57 9.6 0.0 17.0



Abundance Ion 43.00 (42.70 to 43.70): VU033364.D (-963) (-)

Ion 57.00 (56.70 to 57.70): VU033364.D (-963) (-)





#19

Cyclohexane

Concen: 1.619 ug/l

RT: 4.97 min Scan# 1207

Delta R.T. 0.01 min

Lab File: VU033389.D

Acq: 24 Jul 2019 12:41

Instrument :

MSVOA_U

ClientSampleId :

VU0724WBS01

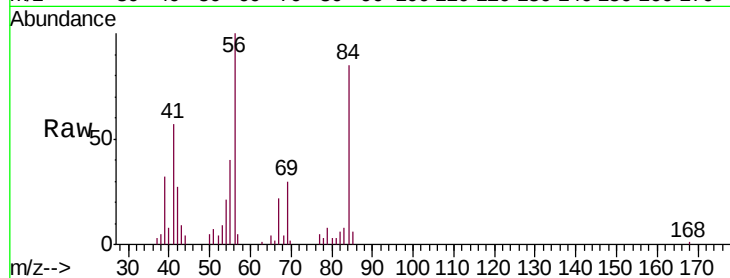
Tgt Ion: 56 Resp: 19070

Ion Ratio Lower Upper

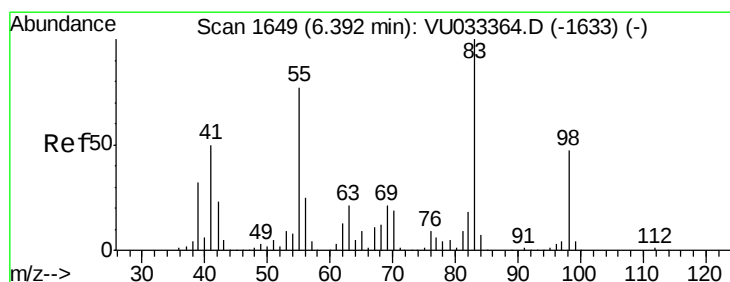
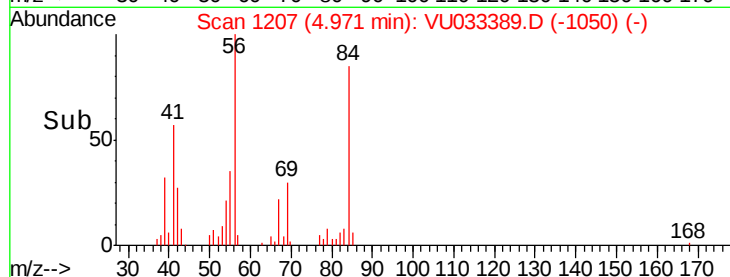
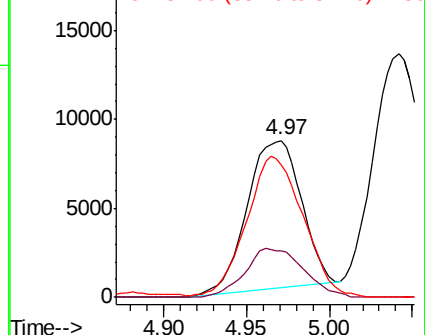
56 100

69 35.5 25.0 37.4

84 97.5 69.8 104.6



Abundance Ion 56.00 (55.70 to 56.70): VU0
Ion 69.00 (68.70 to 69.70): VU0
Ion 84.00 (83.70 to 84.70): VU0



#20

Methylcyclohexane

Concen: 1.873 ug/l

RT: 6.40 min Scan# 1650

Delta R.T. 0.00 min

Lab File: VU033389.D

Acq: 24 Jul 2019 12:41

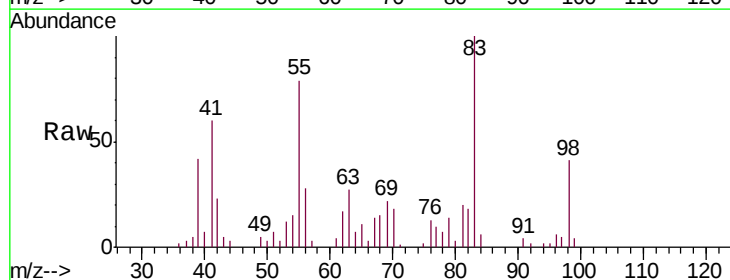
Tgt Ion: 83 Resp: 22207

Ion Ratio Lower Upper

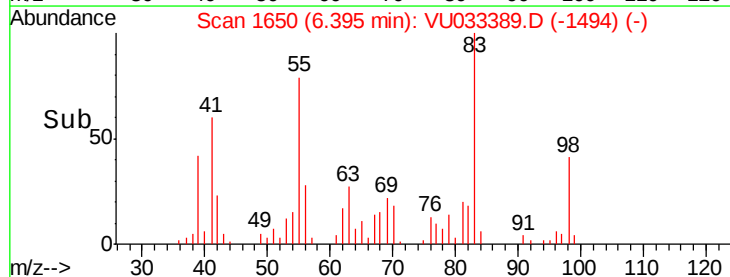
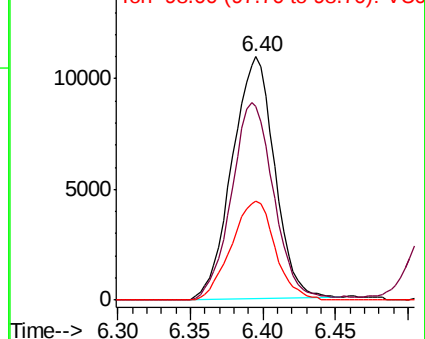
83 100

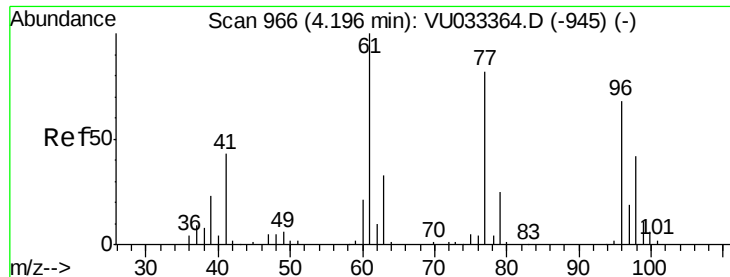
55 79.5 62.3 93.5

98 42.1 37.4 56.0



Abundance Ion 83.00 (82.70 to 83.70): VU0
Ion 55.00 (54.70 to 55.70): VU0
Ion 98.00 (97.70 to 98.70): VU0

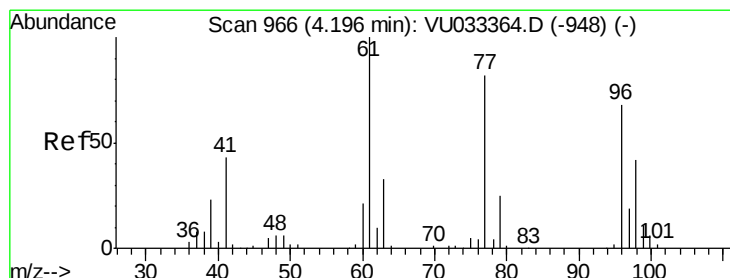
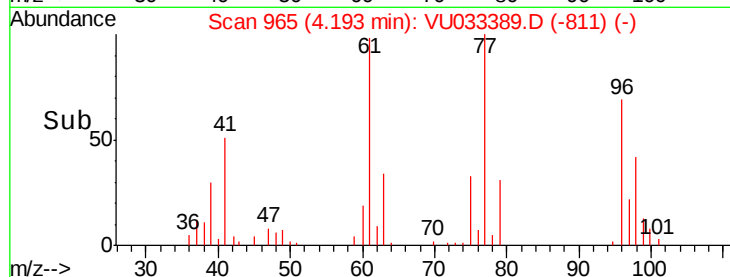
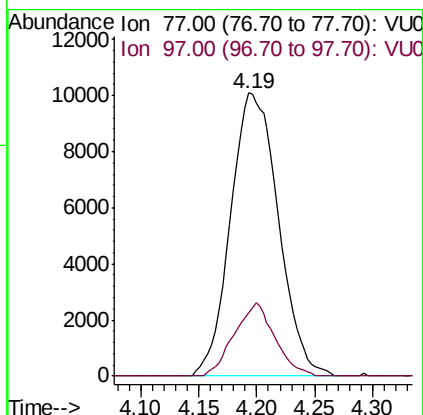
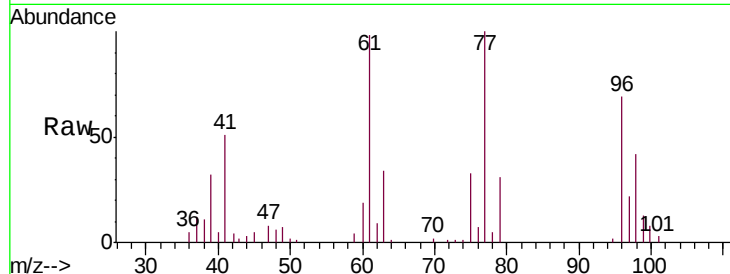




#21
 2,2-Dichloropropane
 Concen: 2.130 ug/l
 RT: 4.19 min Scan# 965
 Delta R.T. -0.00 min
 Lab File: VU033389.D
 Acq: 24 Jul 2019 12:41

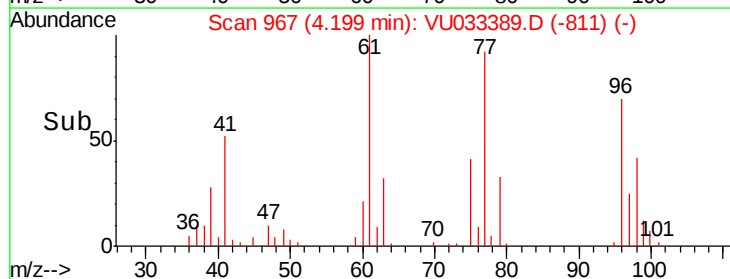
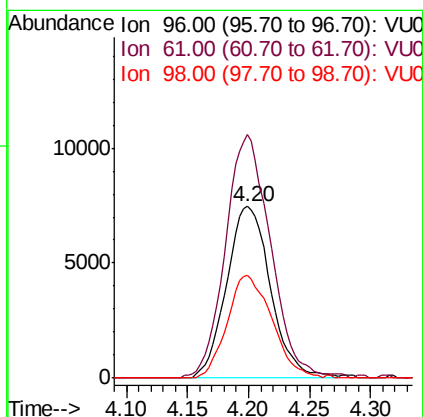
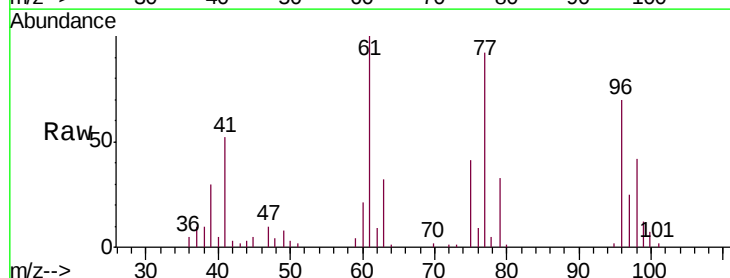
Instrument :
 MSVOA_U
 ClientSampleId :
 VU0724WBS01

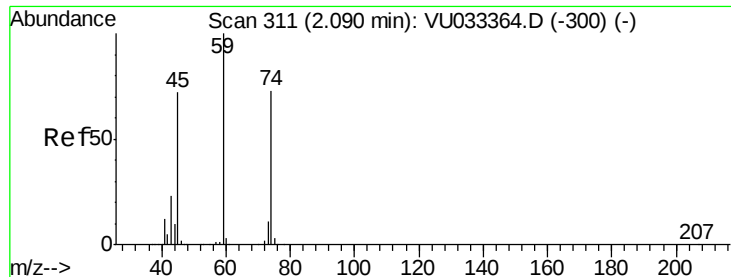
Tgt Ion: 77 Resp: 28964
 Ion Ratio Lower Upper
 77 100
 97 22.0 17.8 26.8



#22
 cis-1,2-Dichloroethene
 Concen: 2.064 ug/l
 RT: 4.20 min Scan# 967
 Delta R.T. 0.00 min
 Lab File: VU033389.D
 Acq: 24 Jul 2019 12:41

Tgt Ion: 96 Resp: 18701
 Ion Ratio Lower Upper
 96 100
 61 145.1 0.0 376.3
 98 60.8 31.9 95.9

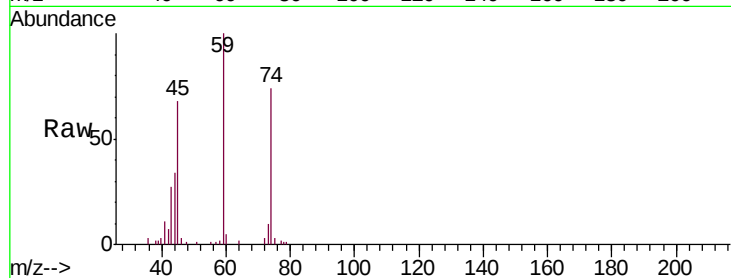




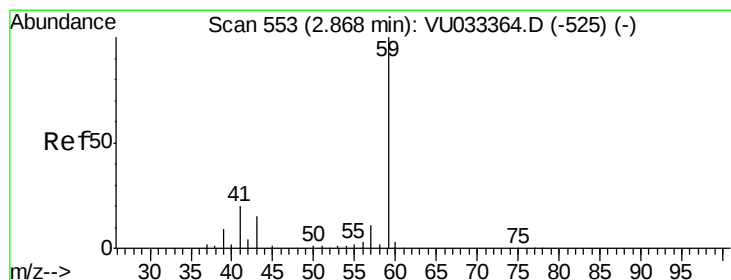
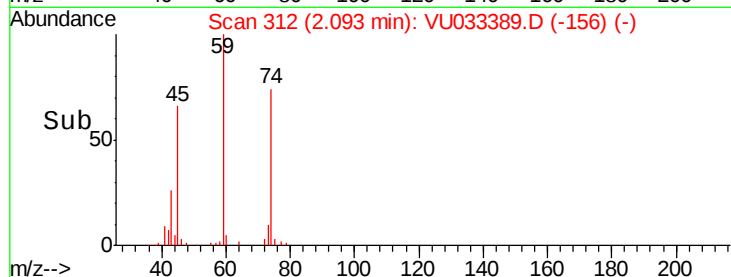
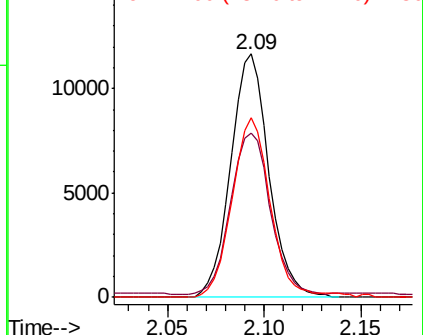
#23
Diethyl Ether
Concen: 1.838 ug/l
RT: 2.09 min Scan# 312
Delta R.T. 0.00 min
Lab File: VU033389.D
Acq: 24 Jul 2019 12:41

Instrument :
MSVOA_U
ClientSampleId :
VU0724WBS01

Tgt Ion: 59 Resp: 15949
Ion Ratio Lower Upper
59 100
45 69.6 57.6 86.4
74 74.4 57.8 86.6

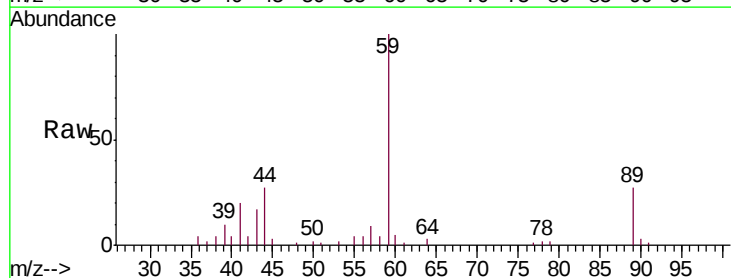


Abundance Ion 59.00 (58.70 to 59.70): VU0
Ion 45.00 (44.70 to 45.70): VU0
Ion 74.00 (73.70 to 74.70): VU0

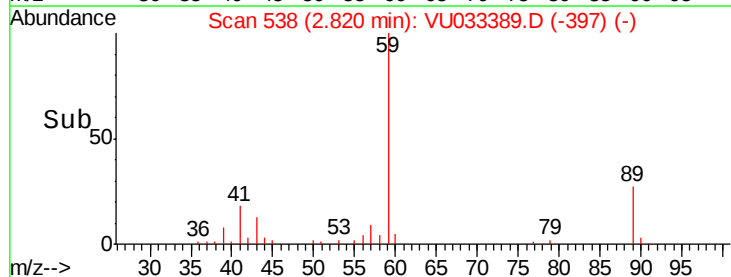
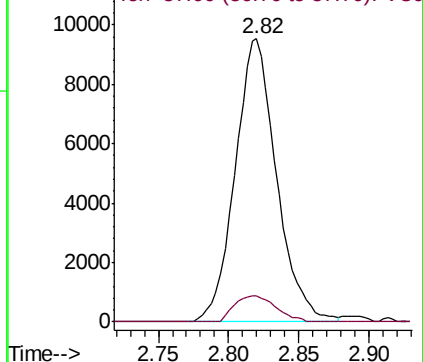


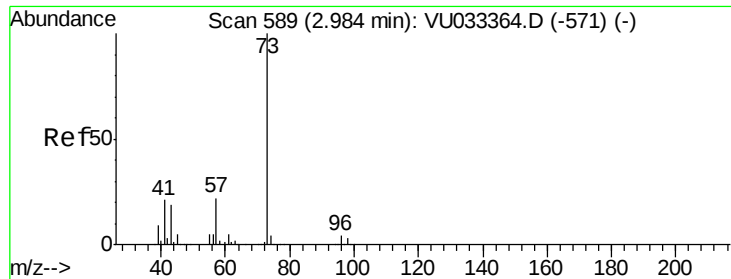
#24
tert-Butyl Alcohol
Concen: 13.698 ug/l
RT: 2.82 min Scan# 538
Delta R.T. -0.05 min
Lab File: VU033389.D
Acq: 24 Jul 2019 12:41

Tgt Ion: 59 Resp: 19564
Ion Ratio Lower Upper
59 100
57 9.2 7.8 11.8



Abundance Ion 59.00 (58.70 to 59.70): VU0
Ion 57.00 (56.70 to 57.70): VU0

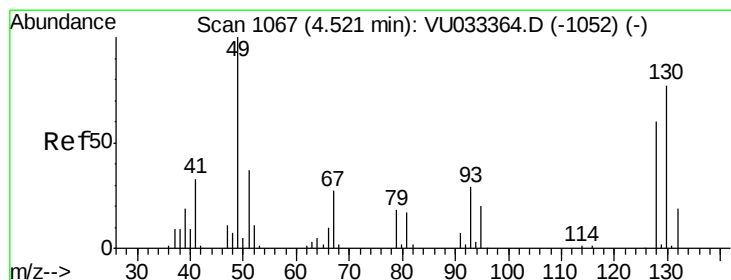
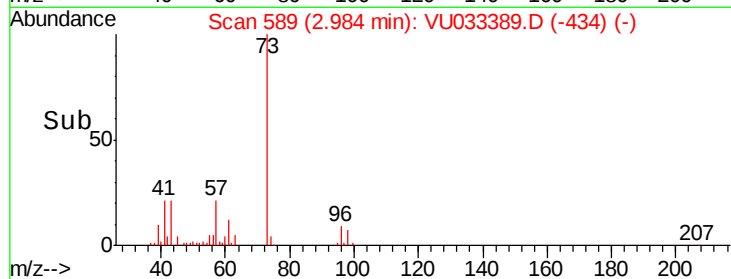
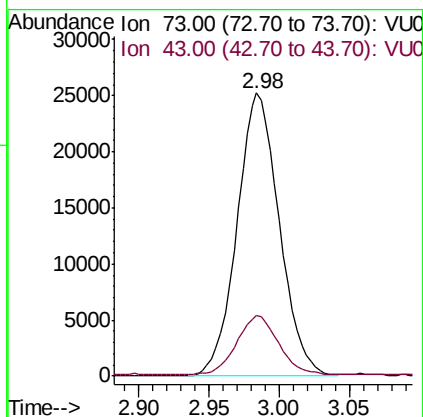
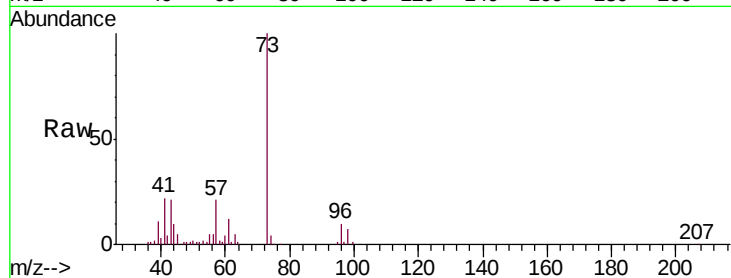




#25
Methyl tert-Butyl Ether
Concen: 1.826 ug/l
RT: 2.98 min Scan# 589
Delta R.T. -0.00 min
Lab File: VU033389.D
Acq: 24 Jul 2019 12:41

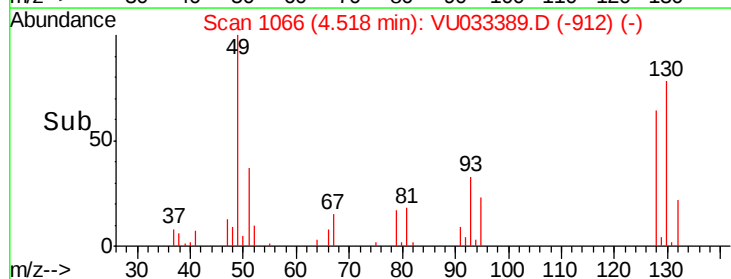
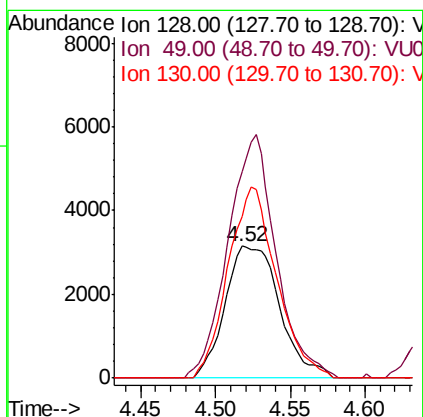
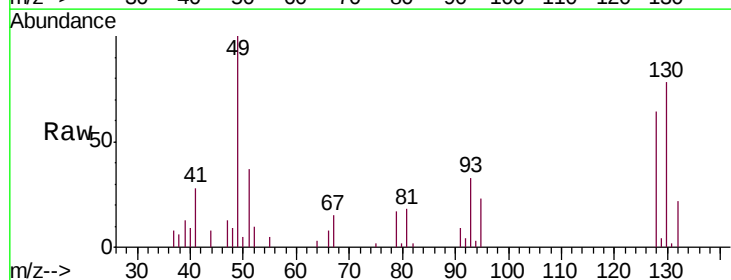
Instrument :
MSVOA_U
ClientSampleId :
VU0724WBS01

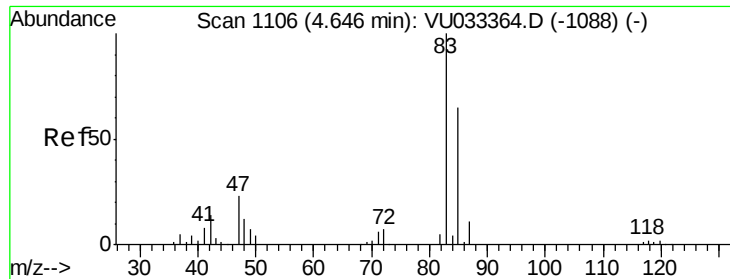
Tgt Ion: 73 Resp: 52934
Ion Ratio Lower Upper
73 100
43 20.5 16.6 24.8



#26
Bromochloromethane
Concen: 2.010 ug/l
RT: 4.52 min Scan# 1066
Delta R.T. -0.00 min
Lab File: VU033389.D
Acq: 24 Jul 2019 12:41

Tgt Ion: 128 Resp: 8008
Ion Ratio Lower Upper
128 100
49 162.4 0.0 333.4
130 129.0 103.4 155.2

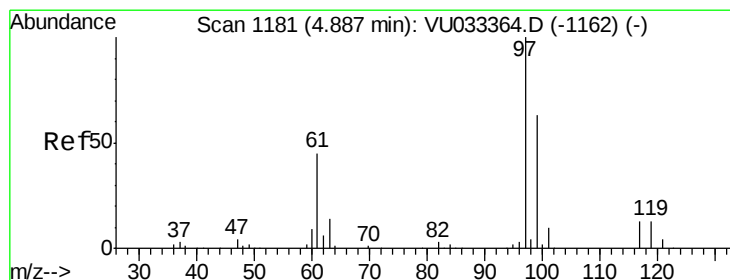
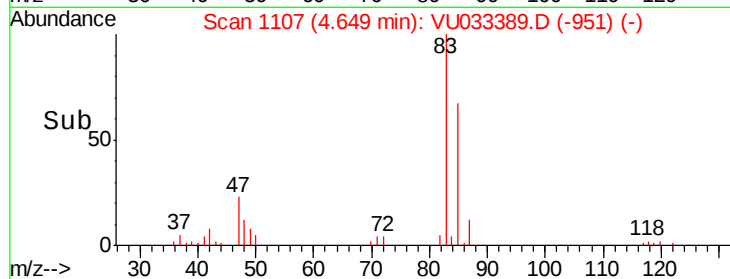
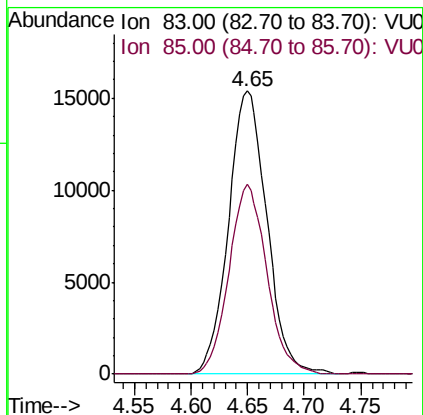
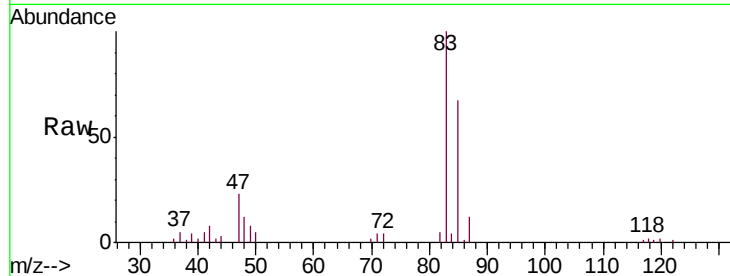




#27
Chloroform
Concen: 1.978 ug/l
RT: 4.65 min Scan# 1107
Delta R.T. 0.00 min
Lab File: VU033389.D
Acq: 24 Jul 2019 12:41

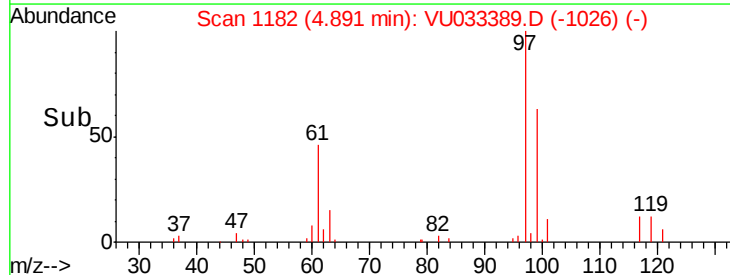
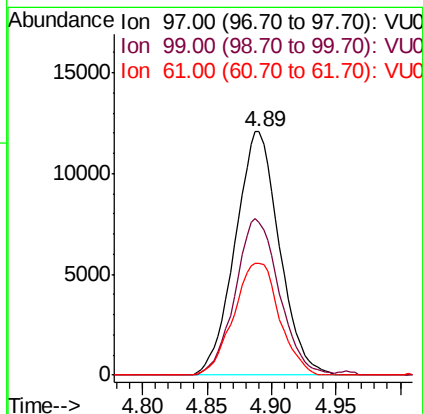
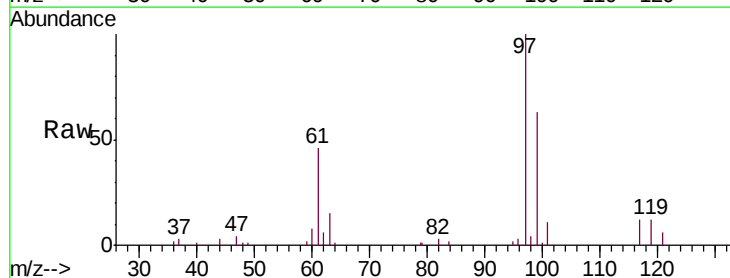
Instrument :
MSVOA_U
ClientSampleId :
VU0724WBS01

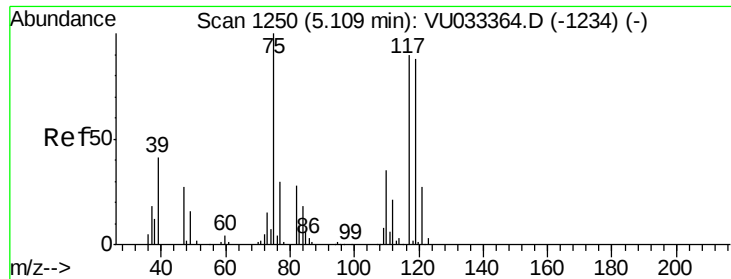
Tgt Ion: 83 Resp: 36282
Ion Ratio Lower Upper
83 100
85 67.1 0.0 129.8



#28
1,1,1-Trichloroethane
Concen: 2.029 ug/l
RT: 4.89 min Scan# 1182
Delta R.T. 0.00 min
Lab File: VU033389.D
Acq: 24 Jul 2019 12:41

Tgt Ion: 97 Resp: 28812
Ion Ratio Lower Upper
97 100
99 64.0 31.9 95.5
61 47.3 22.7 68.0

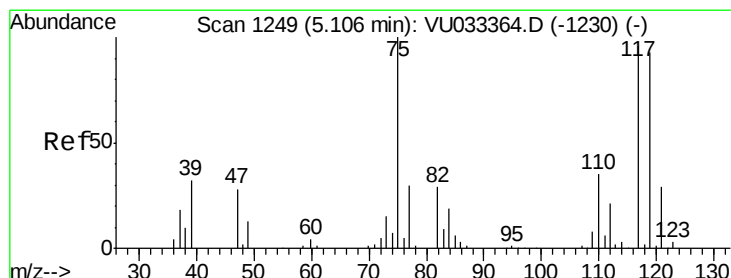
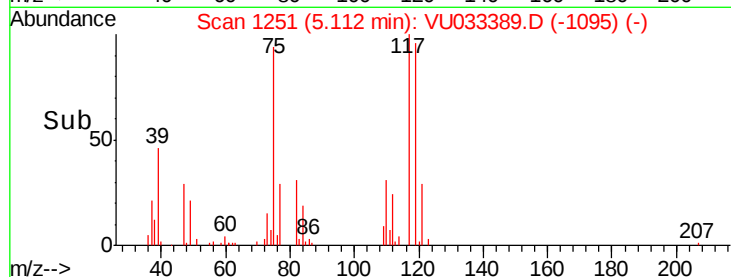
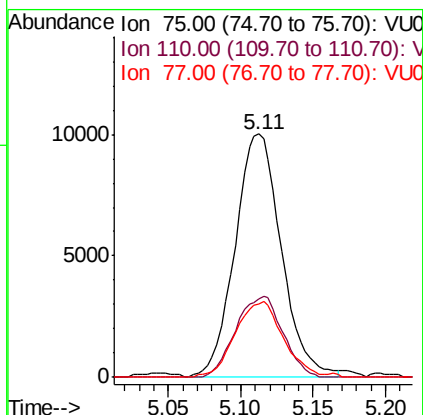
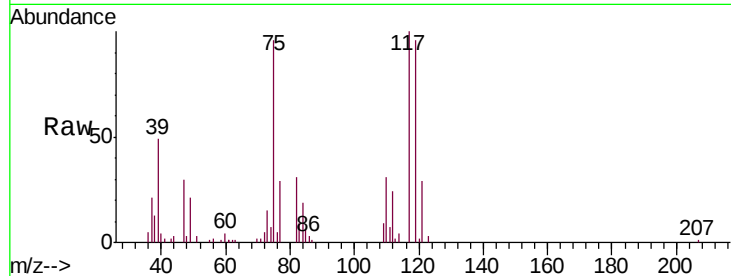




#29
 1,1-Dichloropropene
 Concen: 1.902 ug/l
 RT: 5.11 min Scan# 1251
 Delta R.T. 0.00 min
 Lab File: VU033389.D
 Acq: 24 Jul 2019 12:41

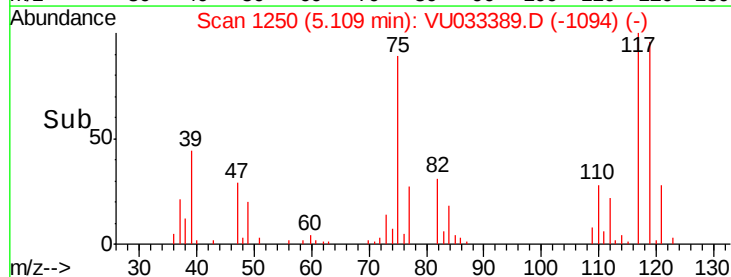
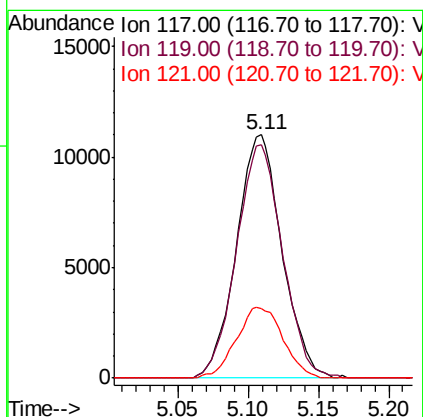
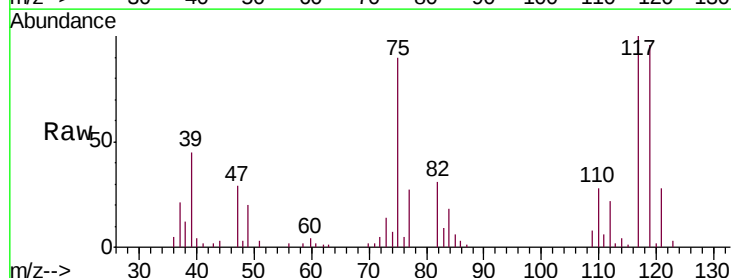
Instrument :
 MSVOA_U
 ClientSampleId :
 VU0724WBS01

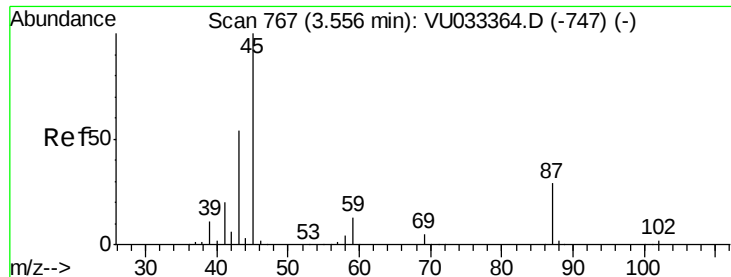
Tgt Ion: 75 Resp: 22273
 Ion Ratio Lower Upper
 75 100
 110 33.7 17.5 52.6
 77 32.2 25.1 37.7



#30
 Carbon Tetrachloride
 Concen: 1.986 ug/l
 RT: 5.11 min Scan# 1250
 Delta R.T. 0.00 min
 Lab File: VU033389.D
 Acq: 24 Jul 2019 12:41

Tgt Ion: 117 Resp: 24823
 Ion Ratio Lower Upper
 117 100
 119 95.9 77.9 116.9
 121 28.4 24.0 36.0





#31

Isopropyl Ether

Concen: 1.877 ug/l

RT: 3.56 min Scan# 767

Delta R.T. -0.00 min

Lab File: VU033389.D

Acq: 24 Jul 2019 12:41

Instrument :

MSVOA_U

ClientSampleId :

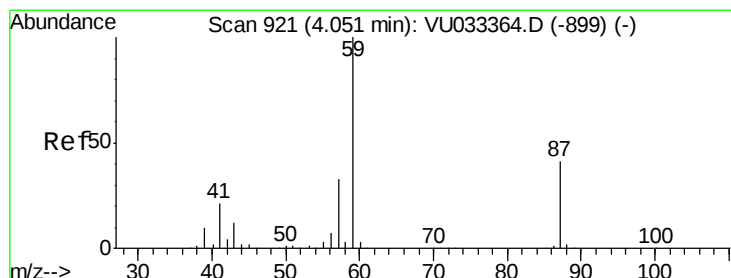
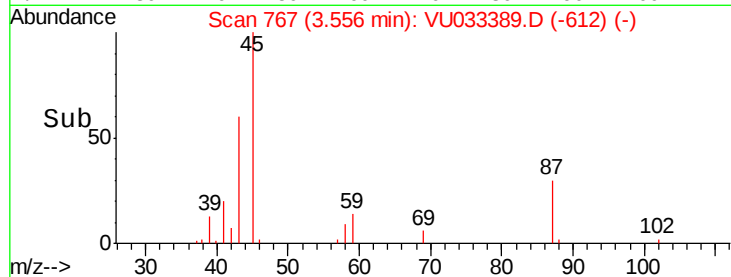
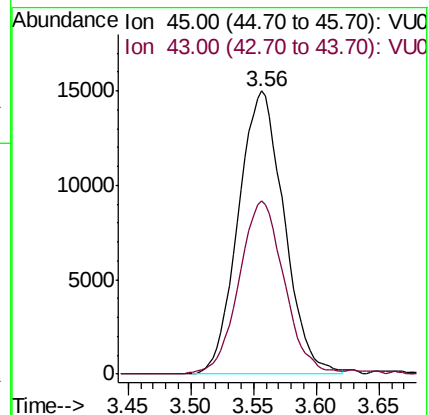
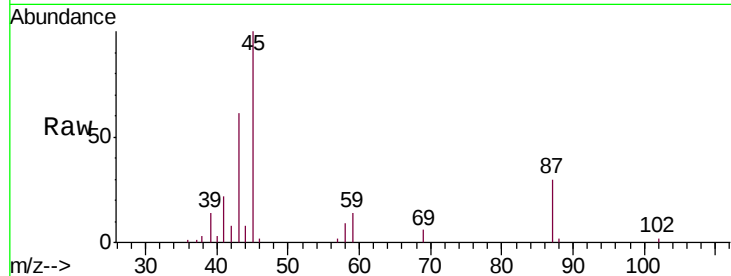
VU0724WBS01

Tgt Ion: 45 Resp: 38061

Ion Ratio Lower Upper

45 100

43 60.3 27.8 83.3



#32

Ethyl-t-butyl ether

Concen: 1.768 ug/l

RT: 4.05 min Scan# 921

Delta R.T. 0.00 min

Lab File: VU033389.D

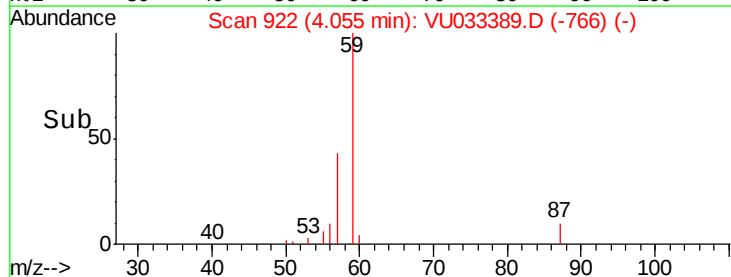
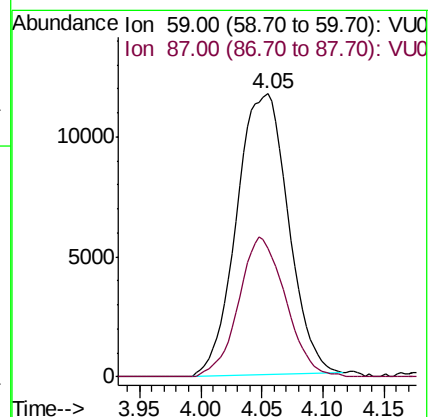
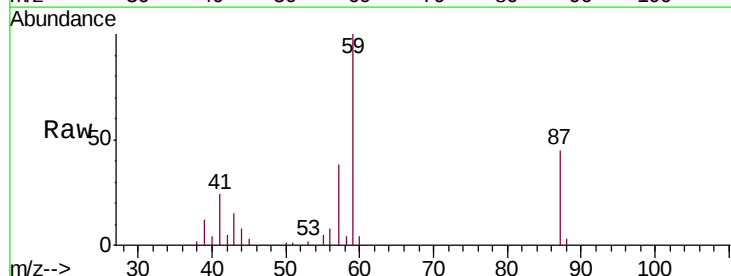
Acq: 24 Jul 2019 12:41

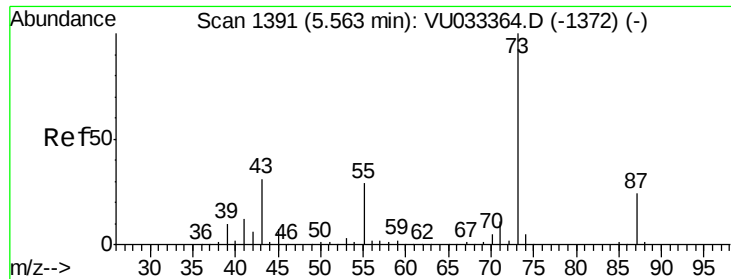
Tgt Ion: 59 Resp: 34478

Ion Ratio Lower Upper

59 100

87 45.1 33.8 50.6

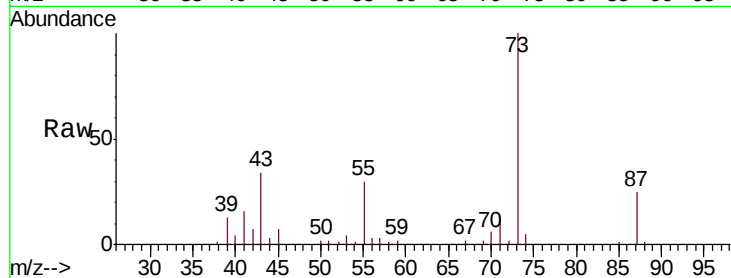




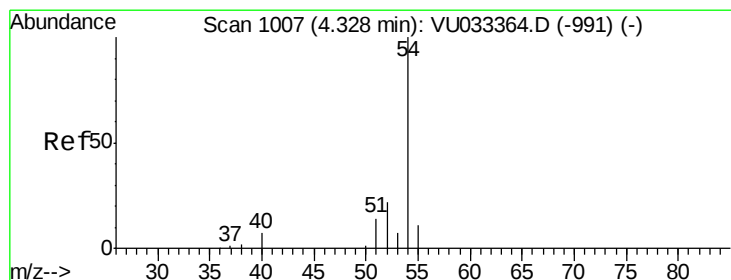
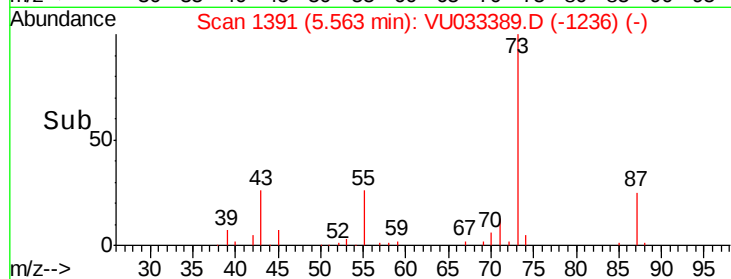
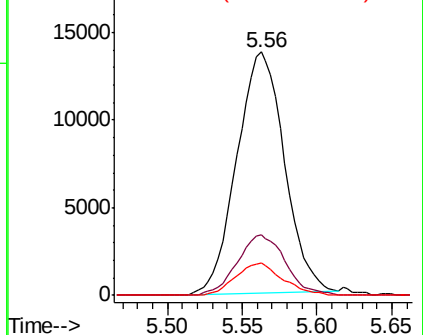
#33
Tert-Amyl methyl ether
Concen: 1.739 ug/l
RT: 5.56 min Scan# 1391
Delta R.T. -0.00 min
Lab File: VU033389.D
Acq: 24 Jul 2019 12:41

Instrument :
MSVOA_U
ClientSampleId :
VU0724WBS01

Tgt Ion: 73 Resp: 30493
Ion Ratio Lower Upper
73 100
87 25.2 18.9 28.3
71 13.2 9.3 13.9

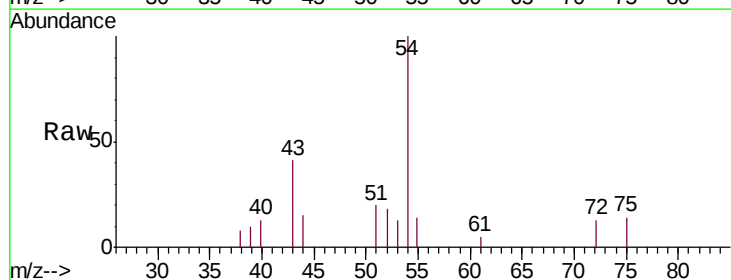


Abundance Ion 73.00 (72.70 to 73.70): VU0
Ion 87.00 (86.70 to 87.70): VU0
Ion 71.00 (70.70 to 71.70): VU0

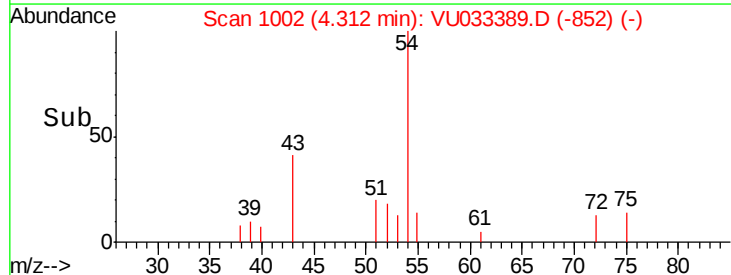
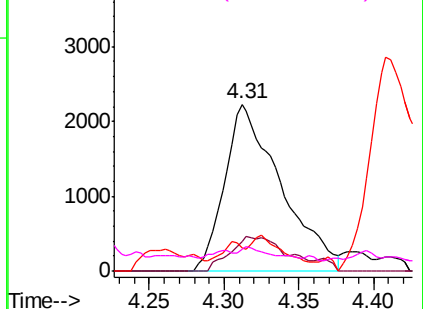


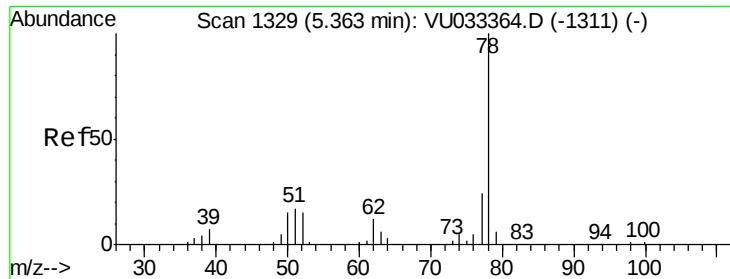
#34
Propionitrile
Concen: 8.856 ug/l
RT: 4.31 min Scan# 1002
Delta R.T. -0.02 min
Lab File: VU033389.D
Acq: 24 Jul 2019 12:41

Tgt Ion: 54 Resp: 5814
Ion Ratio Lower Upper
54 100
52 17.6 17.1 25.7
55 5.8 11.6 17.4#
40 1.7 3.5 5.3#



Abundance Ion 54.00 (53.70 to 54.70): VU0
Ion 52.00 (51.70 to 52.70): VU0
Ion 55.00 (54.70 to 55.70): VU0
Ion 40.00 (39.70 to 40.70): VU0





#35

Benzene

Concen: 1.979 ug/l

RT: 5.37 min Scan# 1330

Delta R.T. 0.00 min

Lab File: VU033389.D

Acq: 24 Jul 2019 12:41

Instrument :

MSVOA_U

ClientSampleId :

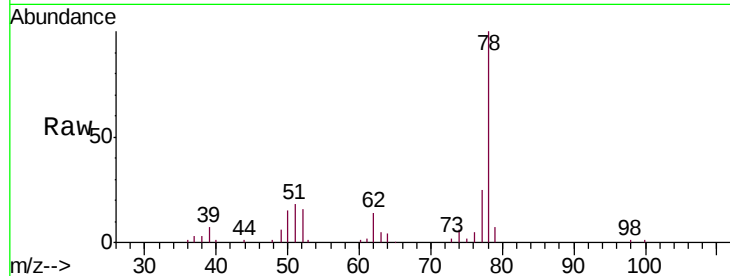
VU0724WBS01

Tgt Ion: 78 Resp: 66977

Ion Ratio Lower Upper

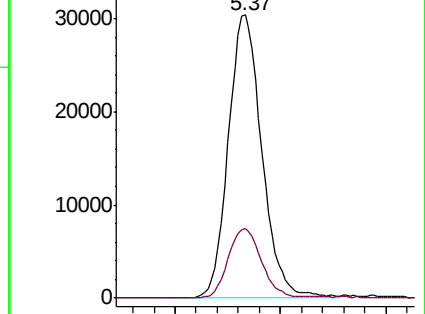
78 100

77 24.5 19.4 29.2

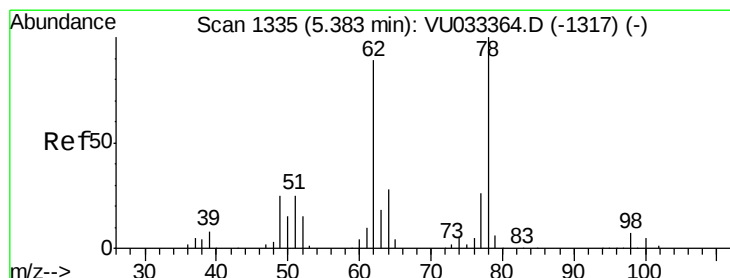
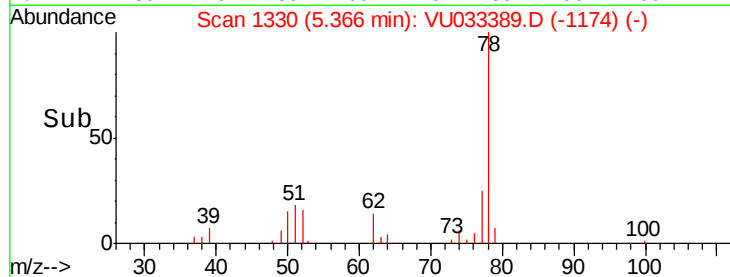


Abundance Ion 78.10 (77.80 to 78.80): VU033364.D (-1311) (-)

Ion 77.00 (76.70 to 77.70): VU033389.D (-1174) (-)



Time-->



#36

1,2-Dichloroethane

Concen: 1.992 ug/l

RT: 5.39 min Scan# 1336

Delta R.T. 0.00 min

Lab File: VU033389.D

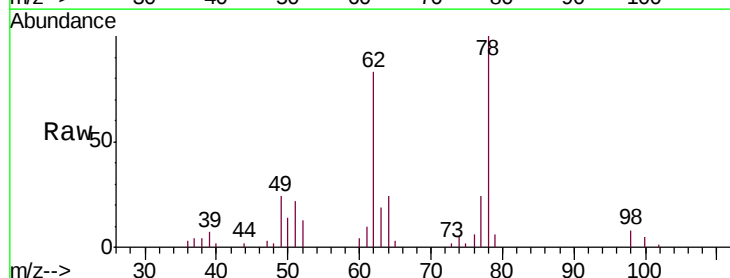
Acq: 24 Jul 2019 12:41

Tgt Ion: 62 Resp: 22430

Ion Ratio Lower Upper

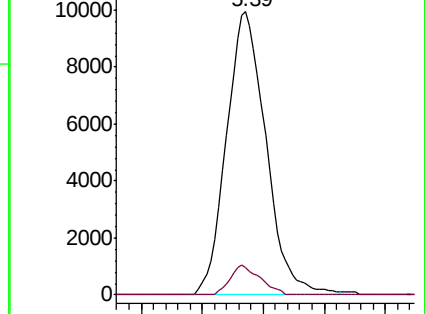
62 100

98 8.0 6.5 9.7

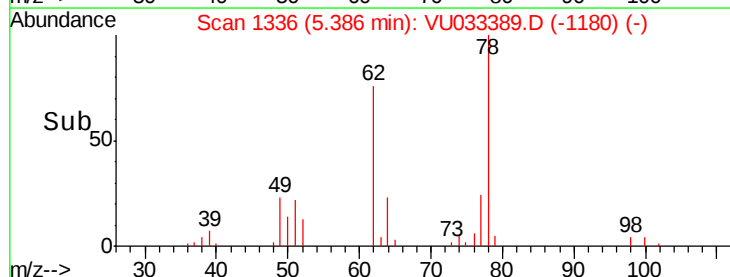


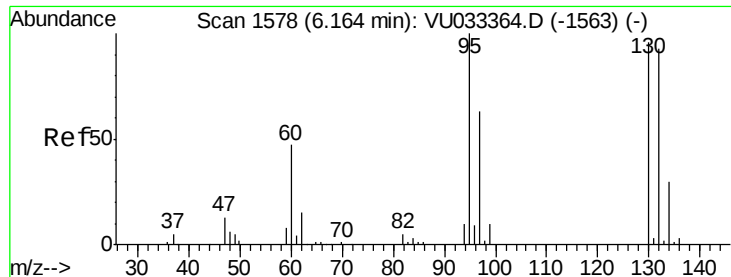
Abundance Ion 62.00 (61.70 to 62.70): VU033364.D (-1317) (-)

Ion 98.00 (97.70 to 98.70): VU033389.D (-1180) (-)



Time-->





#37

Trichloroethene

Concen: 1.870 ug/l

RT: 6.17 min Scan# 1579

Delta R.T. 0.00 min

Lab File: VU033389.D

Acq: 24 Jul 2019 12:41

Instrument :

MSVOA_U

ClientSampleId :

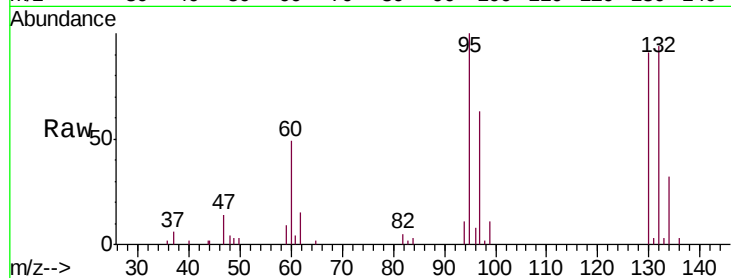
VU0724WBS01

Tgt Ion:130 Resp: 16700

Ion Ratio Lower Upper

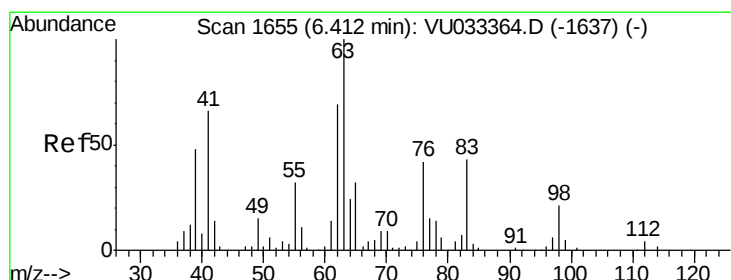
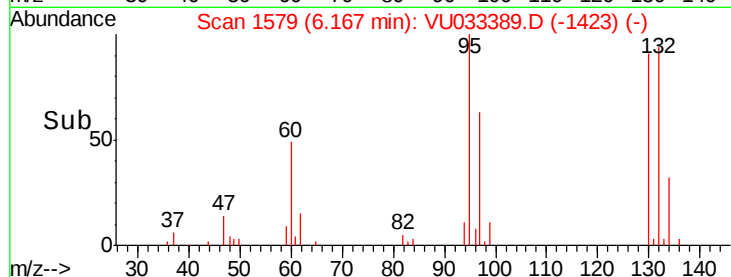
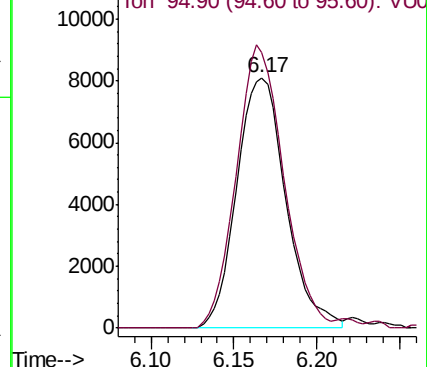
130 100

95 110.1 83.4 125.0



Abundance Ion 129.90 (129.60 to 130.60): VU033364.D (-1563) (-)

Ion 94.90 (94.60 to 95.60): VU033389.D (-1423) (-)



#38

1,2-Dichloropropane

Concen: 1.819 ug/l

RT: 6.41 min Scan# 1656

Delta R.T. 0.00 min

Lab File: VU033389.D

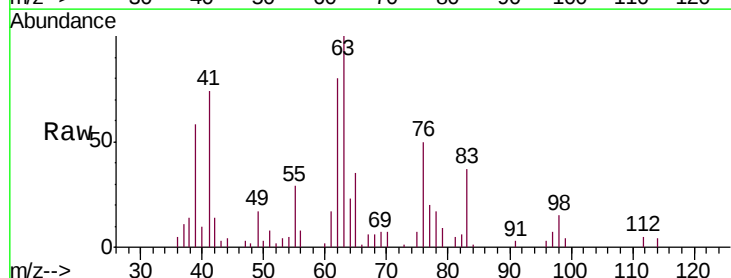
Acq: 24 Jul 2019 12:41

Tgt Ion: 63 Resp: 16978

Ion Ratio Lower Upper

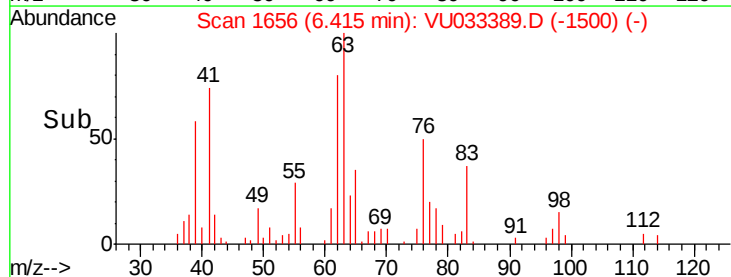
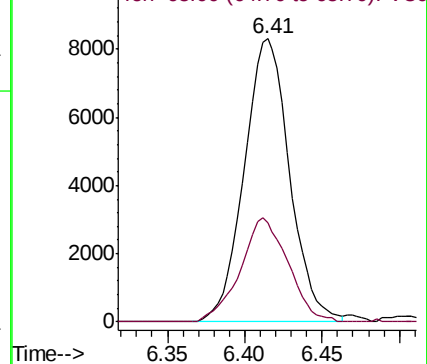
63 100

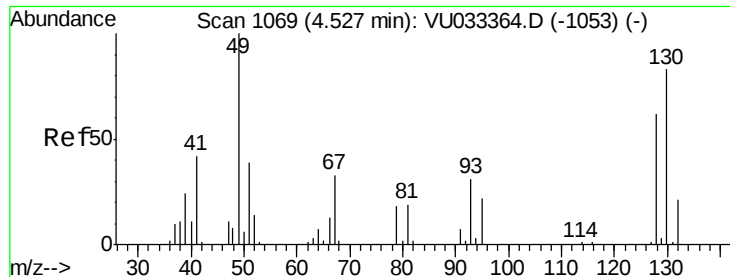
65 34.8 25.7 38.5



Abundance Ion 63.00 (62.70 to 63.70): VU033364.D (-1637) (-)

Ion 65.00 (64.70 to 65.70): VU033389.D (-1500) (-)

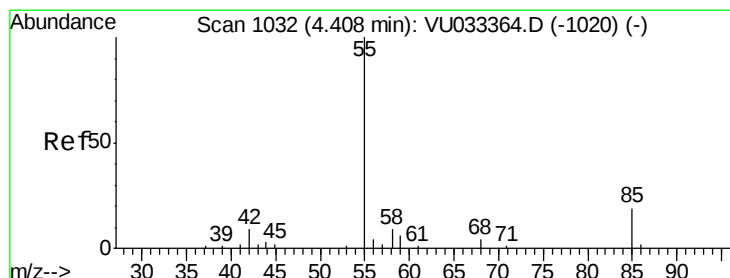
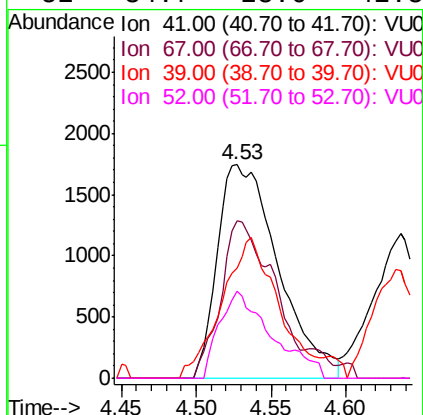
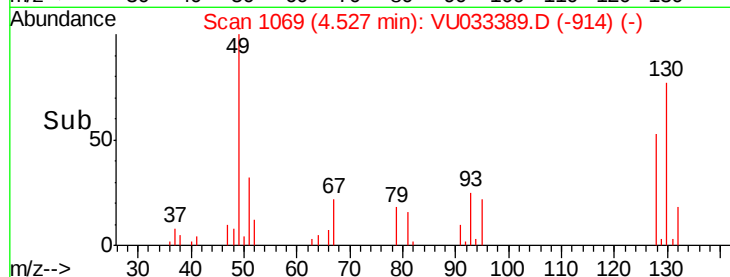
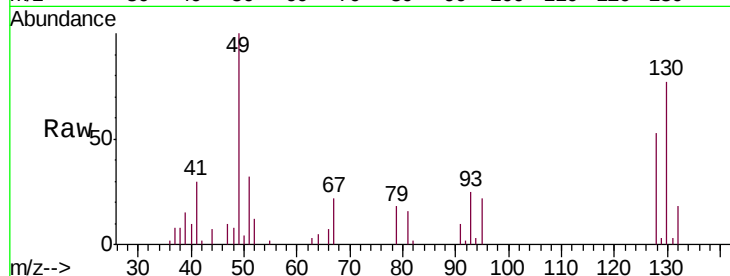




#39
Methacrylonitrile
Concen: 1.902 ug/l
RT: 4.53 min Scan# 1069
Delta R.T. -0.00 min
Lab File: VU033389.D
Acq: 24 Jul 2019 12:41

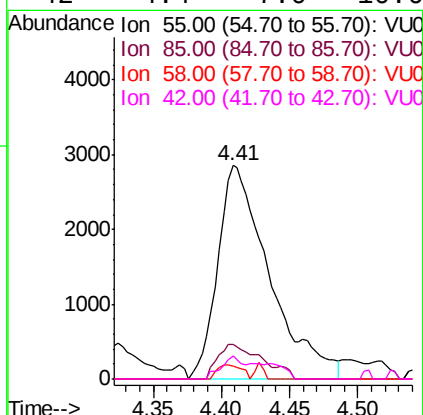
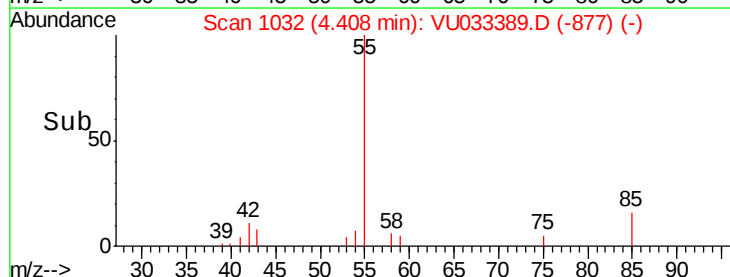
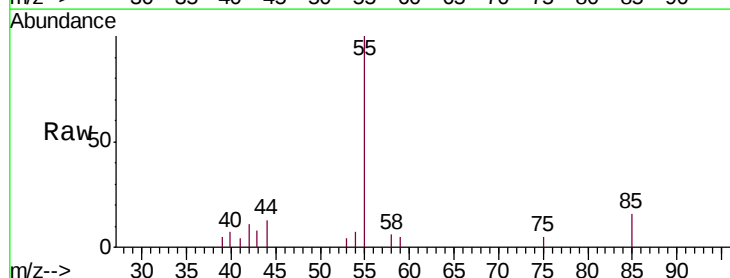
Instrument :
MSVOA_U
ClientSampleId :
VU0724WBS01

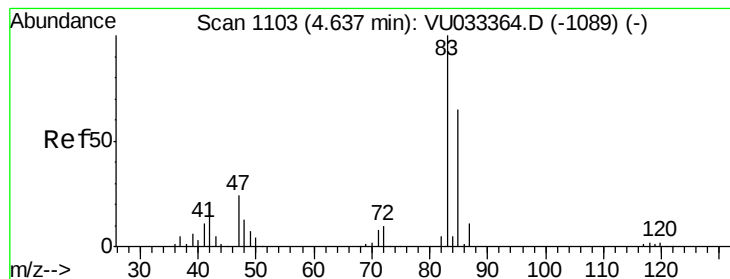
Tgt Ion: 41 Resp: 4956
Ion Ratio Lower Upper
41 100
67 63.4 64.4 96.6#
39 61.5 46.8 70.2
52 34.7 28.6 42.8



#40
Methyl acrylate
Concen: 1.855 ug/l
RT: 4.41 min Scan# 1032
Delta R.T. -0.00 min
Lab File: VU033389.D
Acq: 24 Jul 2019 12:41

Tgt Ion: 55 Resp: 7520
Ion Ratio Lower Upper
55 100
85 13.8 14.8 22.2#
58 3.1 7.1 10.7#
42 4.4 7.0 10.6#





#41

Tetrahydrofuran

Concen: 3.574 ug/l

RT: 4.63 min Scan# 1101

Delta R.T. -0.01 min

Lab File: VU033389.D

Acq: 24 Jul 2019 12:41

Instrument :

MSVOA_U

ClientSampleId :

VU0724WBS01

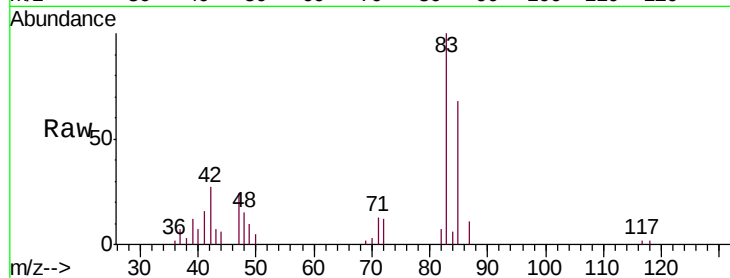
Tgt Ion: 42 Resp: 4671

Ion Ratio Lower Upper

42 100

72 44.5 38.7 58.1

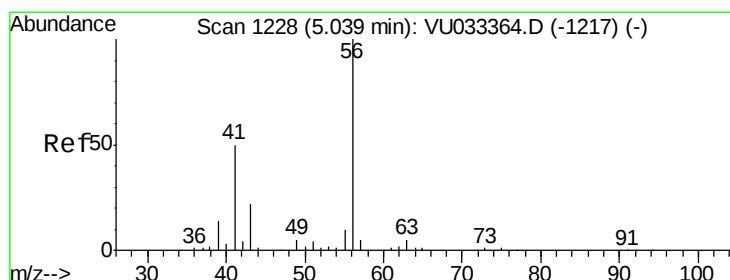
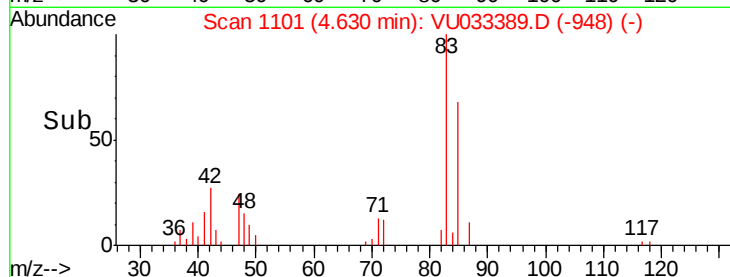
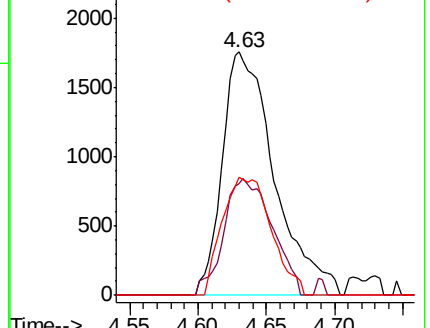
71 45.3 34.6 52.0



Abundance Ion 42.00 (41.70 to 42.70): VU0

Ion 72.00 (71.70 to 72.70): VU0

Ion 71.00 (70.70 to 71.70): VU0



#42

1-Chlorobutane

Concen: 1.925 ug/l

RT: 5.04 min Scan# 1229

Delta R.T. 0.00 min

Lab File: VU033389.D

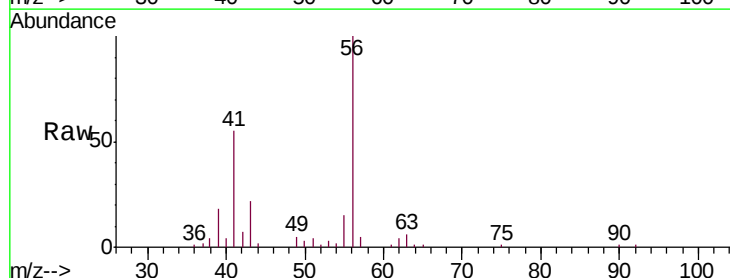
Acq: 24 Jul 2019 12:41

Tgt Ion: 56 Resp: 30225

Ion Ratio Lower Upper

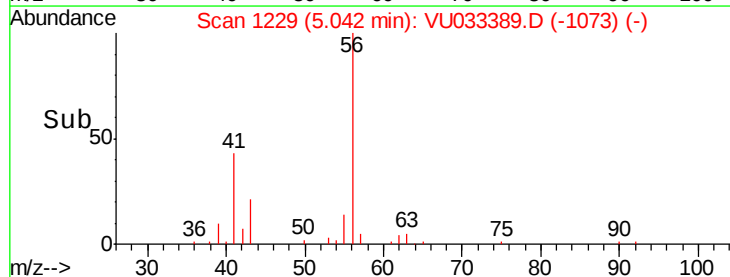
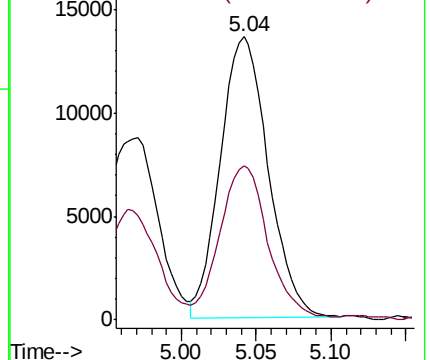
56 100

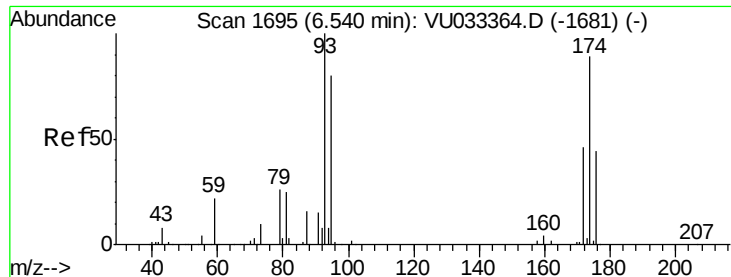
41 56.0 25.7 77.1



Abundance Ion 56.00 (55.70 to 56.70): VU0

Ion 41.00 (40.70 to 41.70): VU0





#43

Dibromomethane

Concen: 1.796 ug/l

RT: 6.54 min Scan# 1696

Delta R.T. 0.00 min

Lab File: VU033389.D

Acq: 24 Jul 2019 12:41

Instrument :

MSVOA_U

ClientSampleId :

VU0724WBS01

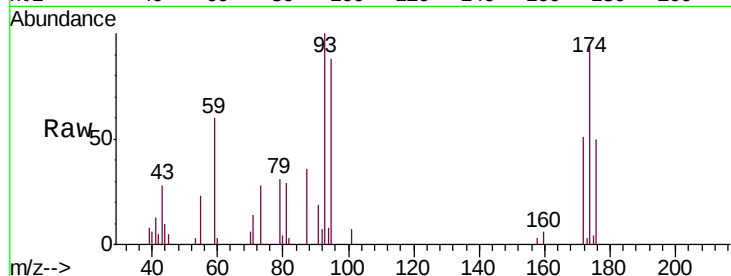
Tgt Ion: 93 Resp: 9283

Ion Ratio Lower Upper

93 100

95 92.8 65.3 97.9

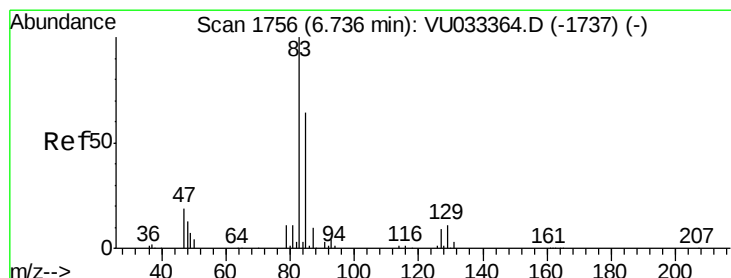
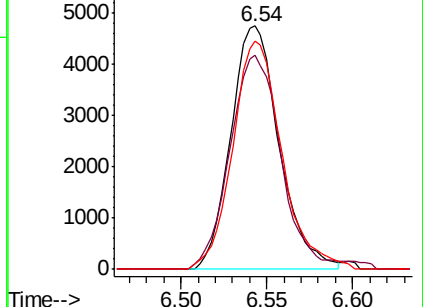
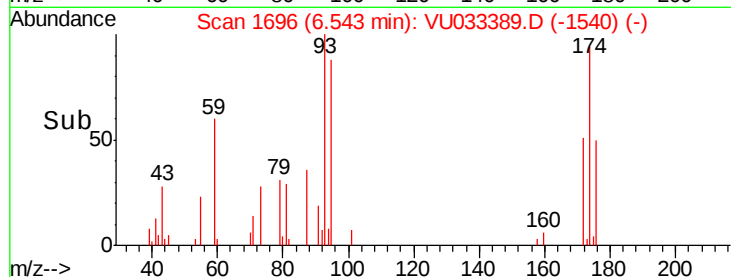
174 95.0 70.7 106.1



Abundance Ion 93.00 (92.70 to 93.70): VU033364.D (-1681) (-)

Ion 95.00 (94.70 to 95.70): VU033389.D (-1540) (-)

Ion 174.00 (173.70 to 174.70): VU033389.D (-1540) (-)



#44

Bromodichloromethane

Concen: 1.974 ug/l

RT: 6.74 min Scan# 1757

Delta R.T. 0.00 min

Lab File: VU033389.D

Acq: 24 Jul 2019 12:41

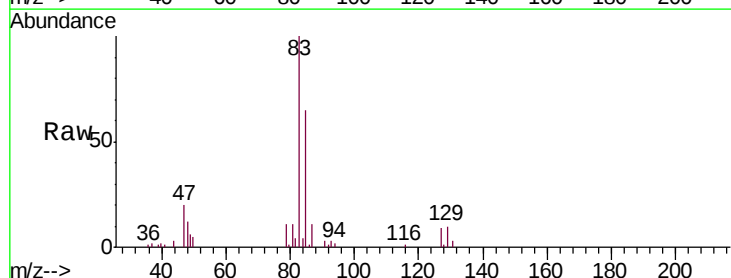
Tgt Ion: 83 Resp: 24593

Ion Ratio Lower Upper

83 100

85 65.5 51.1 76.7

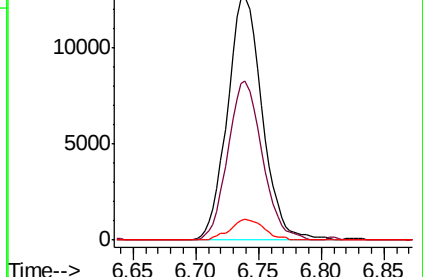
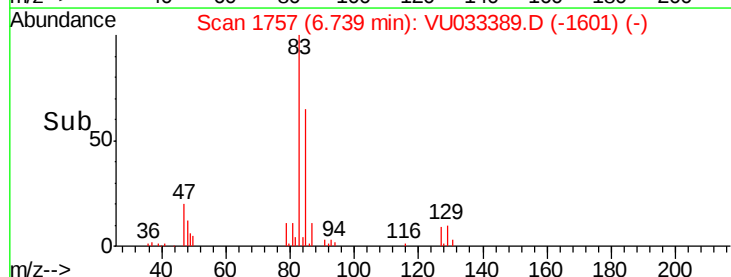
127 8.6 7.2 10.8

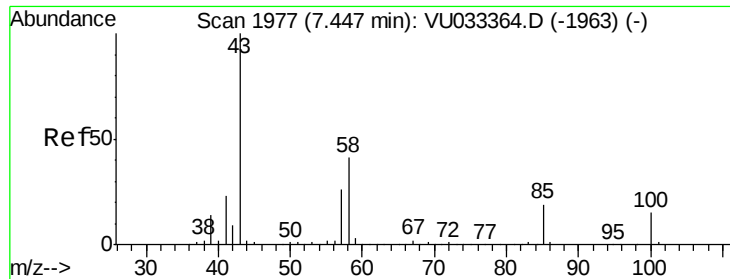


Abundance Ion 83.00 (82.70 to 83.70): VU033364.D (-1737) (-)

Ion 85.00 (84.70 to 85.70): VU033389.D (-1601) (-)

Ion 127.00 (126.70 to 127.70): VU033389.D (-1601) (-)

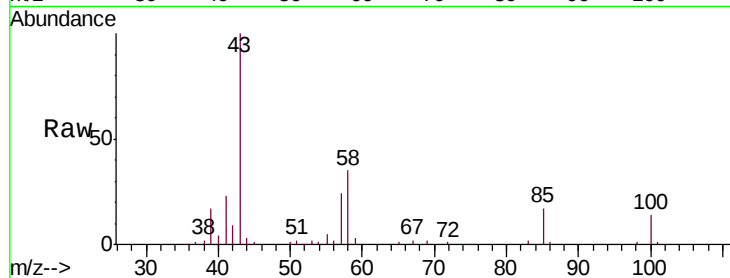




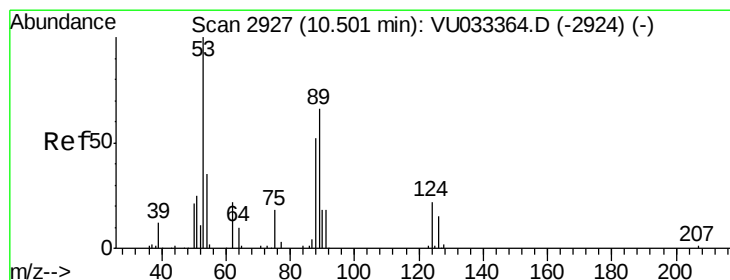
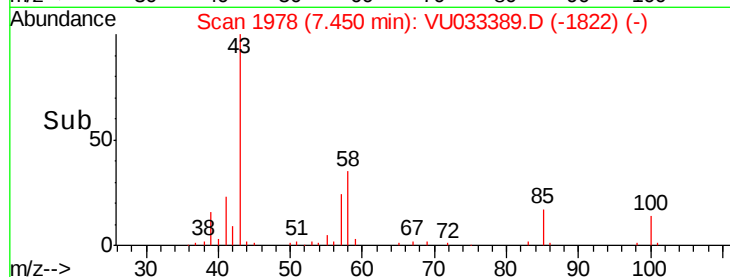
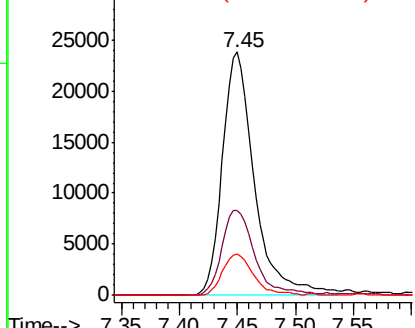
#45
 4-Methyl-2-Pentanone
 Concen: 8.675 ug/l
 RT: 7.45 min Scan# 1978
 Delta R.T. 0.00 min
 Lab File: VU033389.D
 Acq: 24 Jul 2019 12:41

Instrument :
 MSVOA_U
 ClientSampleId :
 VU0724WBS01

Tgt Ion: 43 Resp: 45725
 Ion Ratio Lower Upper
 43 100
 58 35.7 20.3 60.8
 85 16.3 15.0 22.6

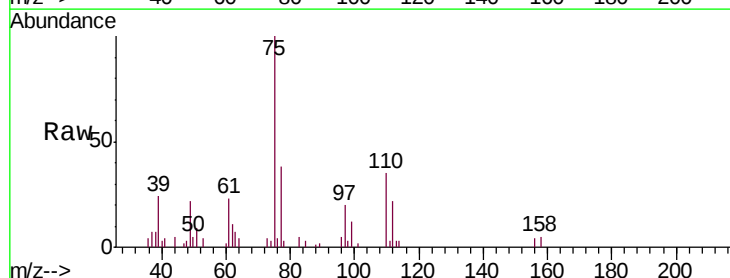


Abundance Ion 43.00 (42.70 to 43.70): VU0
 Ion 58.00 (57.70 to 58.70): VU0
 Ion 85.00 (84.70 to 85.70): VU0

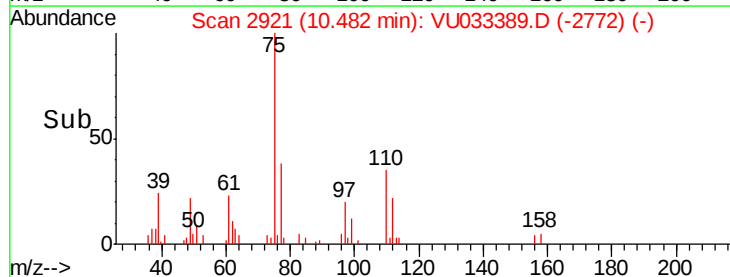
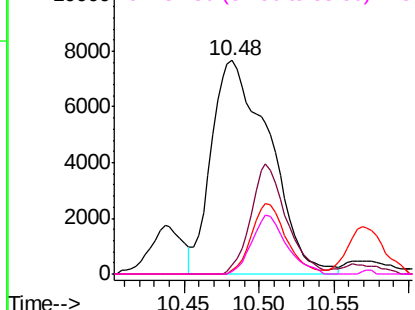


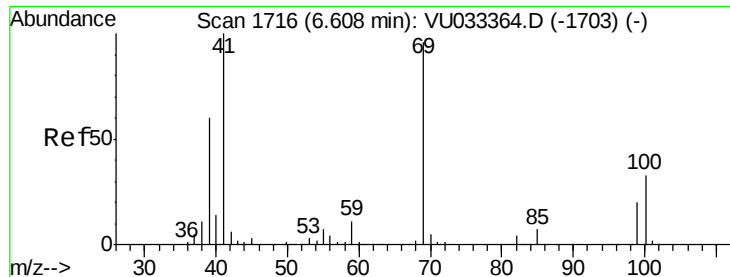
#46
 t-1,4-Dichloro-2-butene
 Concen: 9.751 ug/l
 RT: 10.48 min Scan# 2921
 Delta R.T. -0.02 min
 Lab File: VU033389.D
 Acq: 24 Jul 2019 12:41

Tgt Ion: 75 Resp: 20744
 Ion Ratio Lower Upper
 75 100
 53 31.4 62.9 94.3#
 89 19.7 43.0 64.4#
 88 16.4 35.0 52.4#



Abundance Ion 74.90 (74.60 to 75.60): VU0
 Ion 53.00 (52.70 to 53.70): VU0
 Ion 88.80 (88.50 to 89.50): VU0
 Ion 87.80 (87.50 to 88.50): VU0

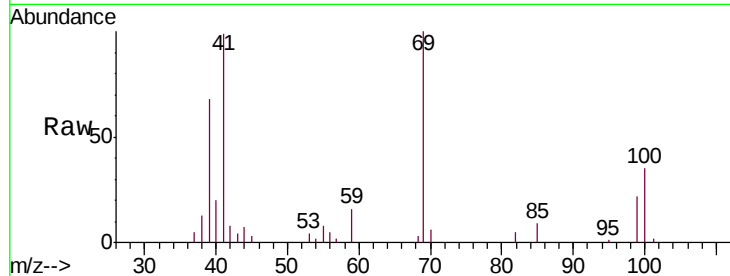




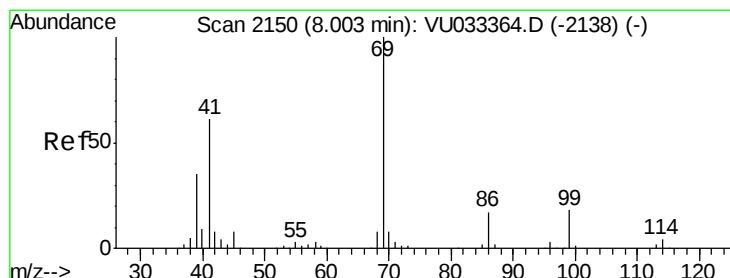
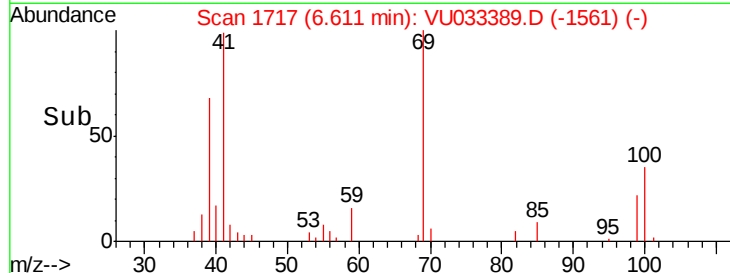
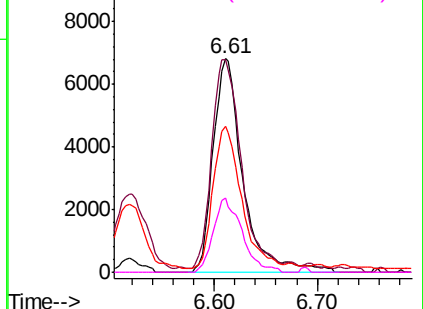
#47
Methyl methacrylate
Concen: 3.457 ug/l
RT: 6.61 min Scan# 1717
Delta R.T. 0.00 min
Lab File: VU033389.D
Acq: 24 Jul 2019 12:41

Instrument :
MSVOA_U
ClientSampleId :
VU0724WBS01

Tgt Ion: 69 Resp: 13618
Ion Ratio Lower Upper
69 100
41 97.2 0.0 208.2
39 62.7 50.6 75.8
100 33.3 27.2 40.8

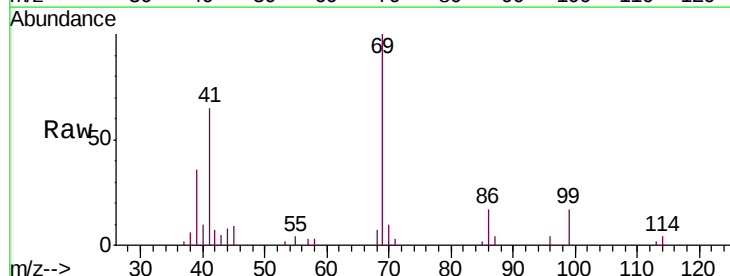


Abundance Ion 69.00 (68.70 to 69.70): VU0
Ion 41.00 (40.70 to 41.70): VU0
Ion 39.00 (38.70 to 39.70): VU0
Ion 100.00 (99.70 to 100.70): VU0

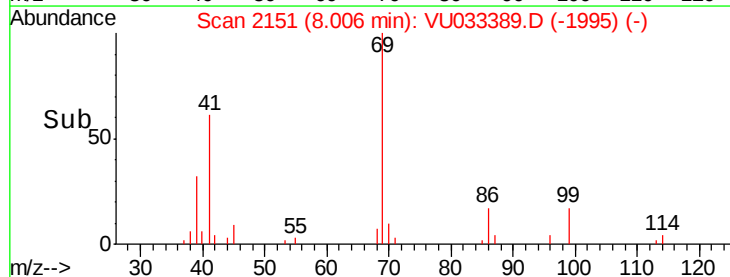
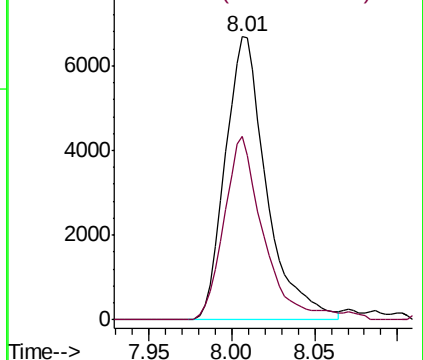


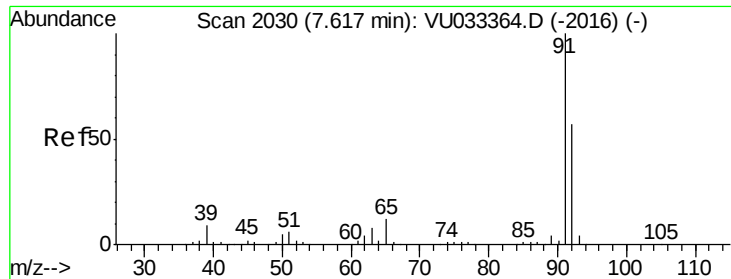
#48
Ethyl methacrylate
Concen: 1.668 ug/l
RT: 8.01 min Scan# 2151
Delta R.T. 0.00 min
Lab File: VU033389.D
Acq: 24 Jul 2019 12:41

Tgt Ion: 69 Resp: 11579
Ion Ratio Lower Upper
69 100
41 62.8 30.9 92.7



Abundance Ion 69.00 (68.70 to 69.70): VU0
Ion 41.00 (40.70 to 41.70): VU0





#49

Toluene

Concen: 1.980 ug/l

RT: 7.62 min Scan# 2031

Delta R.T. 0.00 min

Lab File: VU033389.D

Acq: 24 Jul 2019 12:41

Instrument :

MSVOA_U

ClientSampleId :

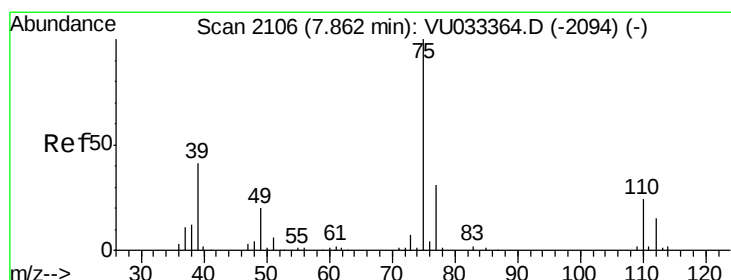
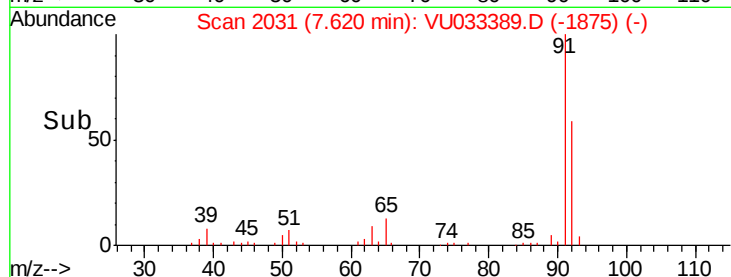
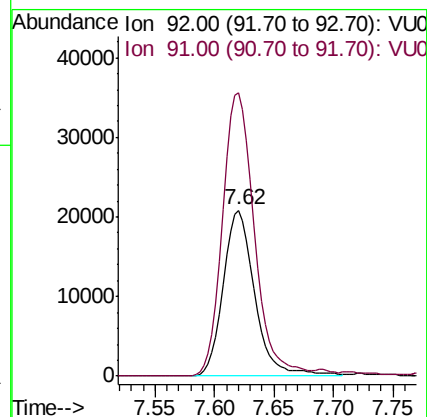
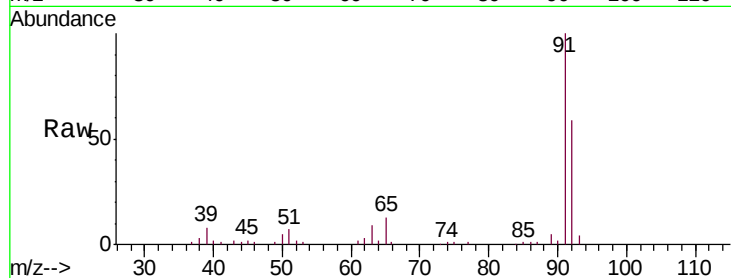
VU0724WBS01

Tgt Ion: 92 Resp: 38387

Ion Ratio Lower Upper

92 100

91 172.2 142.1 213.1



#50

t-1,3-Dichloropropene

Concen: 1.795 ug/l

RT: 7.86 min Scan# 2107

Delta R.T. 0.00 min

Lab File: VU033389.D

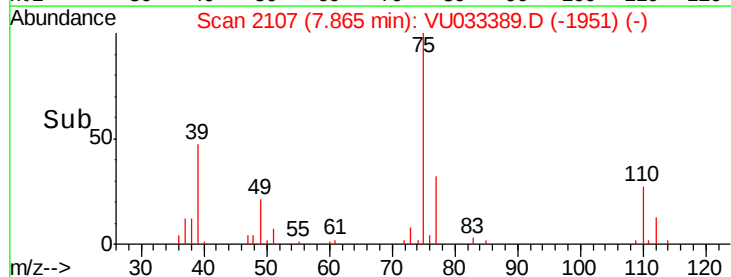
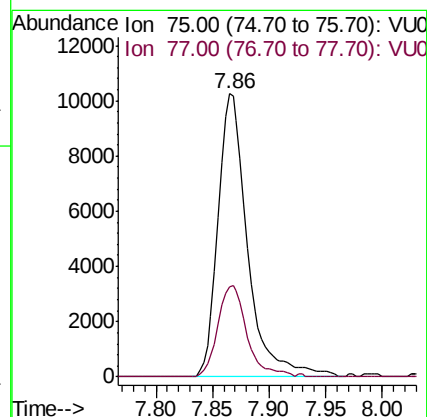
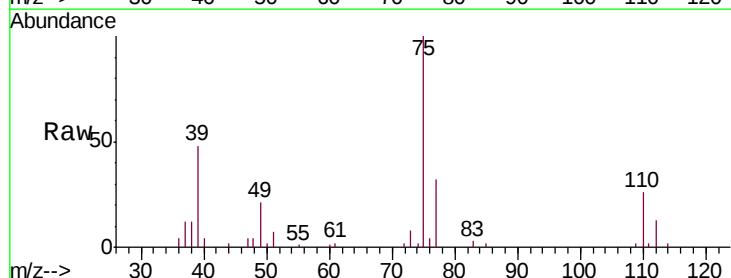
Acq: 24 Jul 2019 12:41

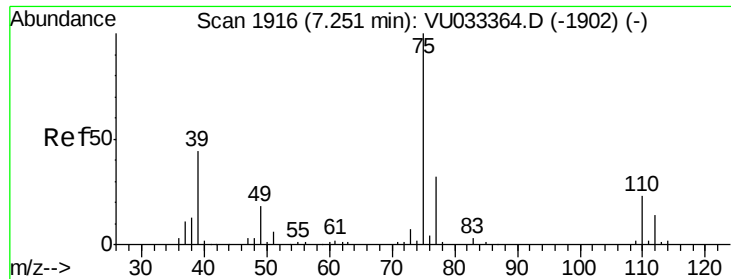
Tgt Ion: 75 Resp: 18658

Ion Ratio Lower Upper

75 100

77 31.6 25.2 37.8

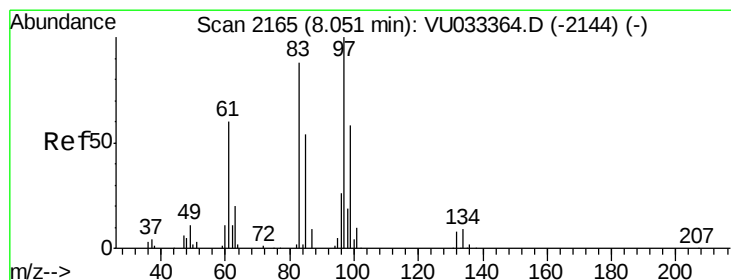
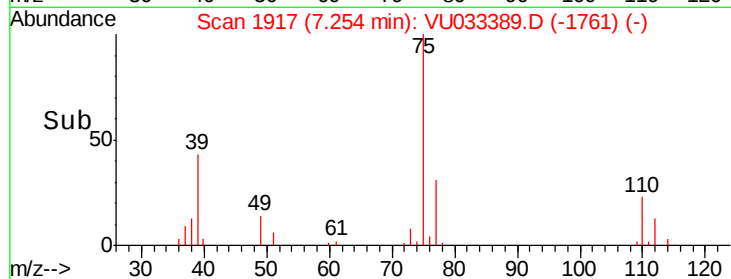
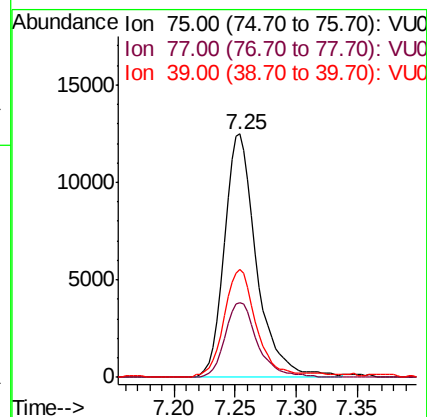
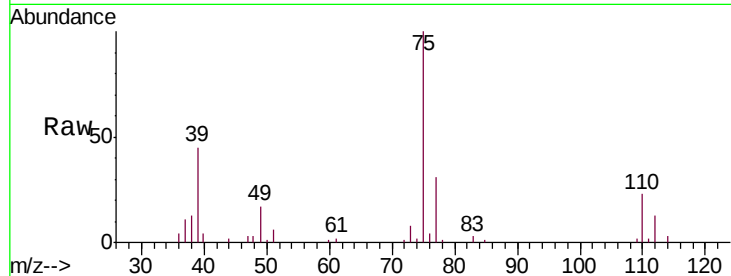




#51
 cis-1,3-Dichloropropene
 Concen: 1.886 ug/l
 RT: 7.25 min Scan# 1917
 Delta R.T. 0.00 min
 Lab File: VU033389.D
 Acq: 24 Jul 2019 12:41

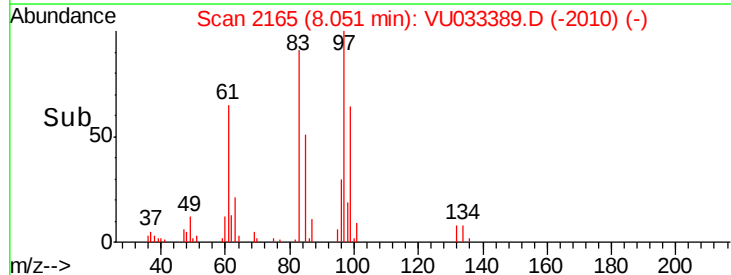
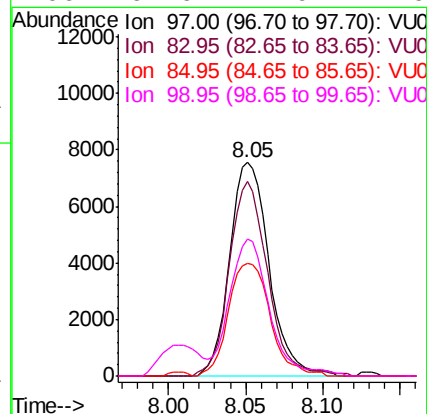
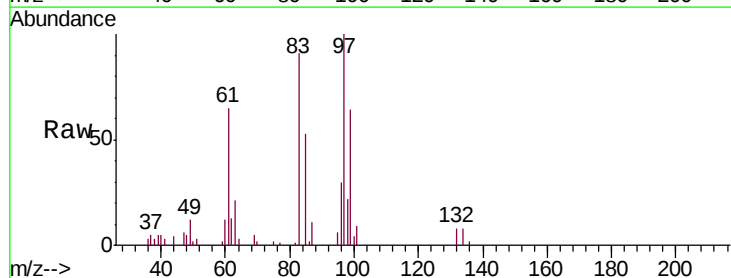
Instrument :
 MSVOA_U
 ClientSampleId :
 VU0724WBS01

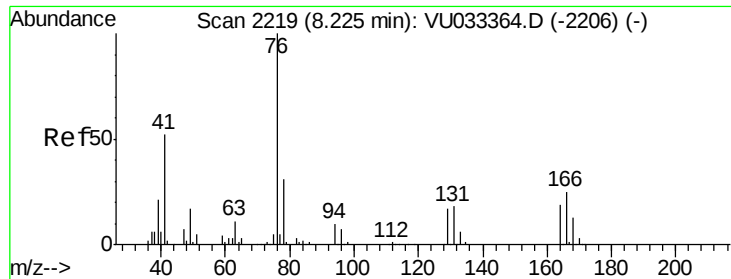
Tgt Ion: 75 Resp: 23149
 Ion Ratio Lower Upper
 75 100
 77 30.9 25.8 38.8
 39 44.6 35.2 52.8



#52
 1,1,2-Trichloroethane
 Concen: 1.935 ug/l
 RT: 8.05 min Scan# 2165
 Delta R.T. -0.00 min
 Lab File: VU033389.D
 Acq: 24 Jul 2019 12:41

Tgt Ion: 97 Resp: 13363
 Ion Ratio Lower Upper
 97 100
 83 90.9 70.2 105.2
 85 52.6 43.5 65.3
 99 62.6 47.9 71.9

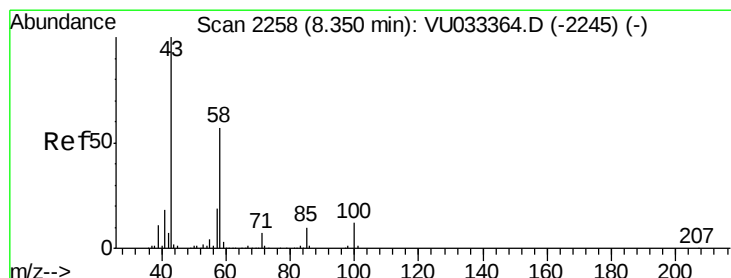
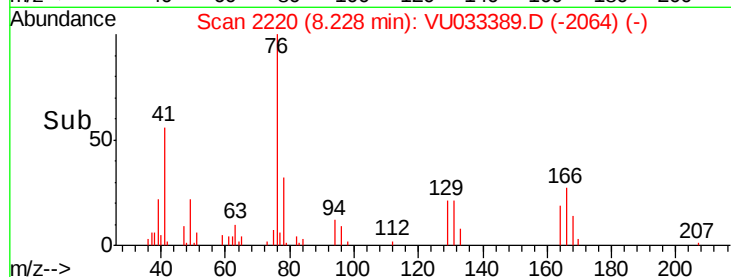
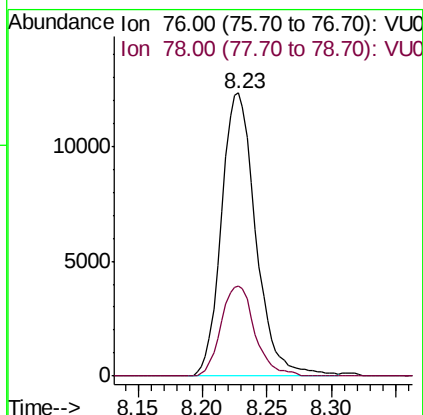
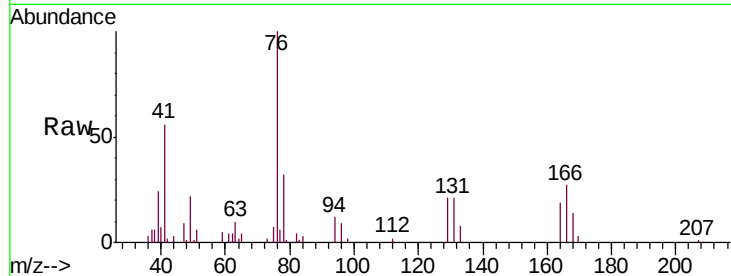




#53
 1,3-Dichloropropane
 Concen: 1.953 ug/l
 RT: 8.23 min Scan# 2220
 Delta R.T. 0.00 min
 Lab File: VU033389.D
 Acq: 24 Jul 2019 12:41

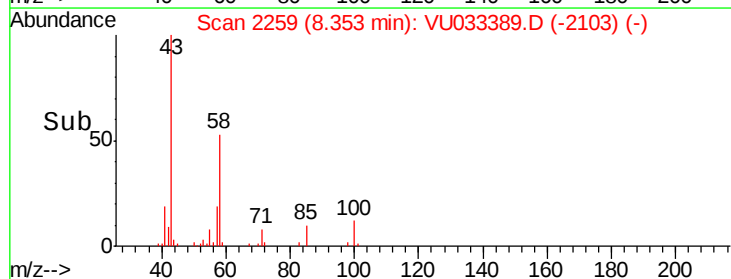
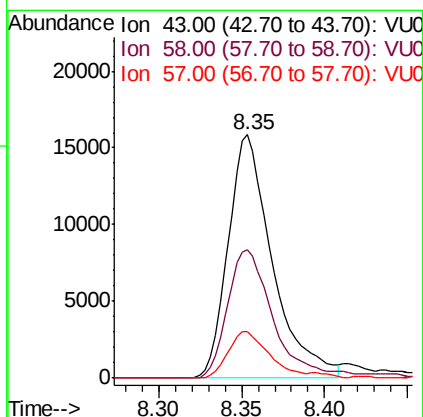
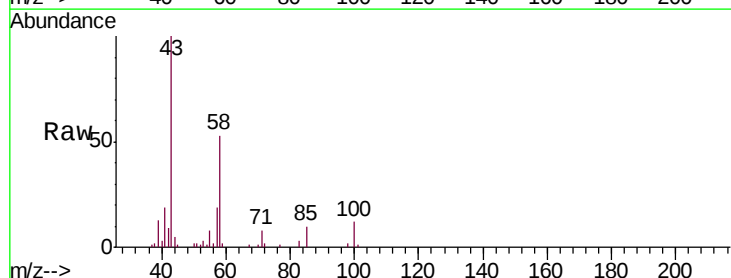
Instrument :
 MSVOA_U
 ClientSampleId :
 VU0724WBS01

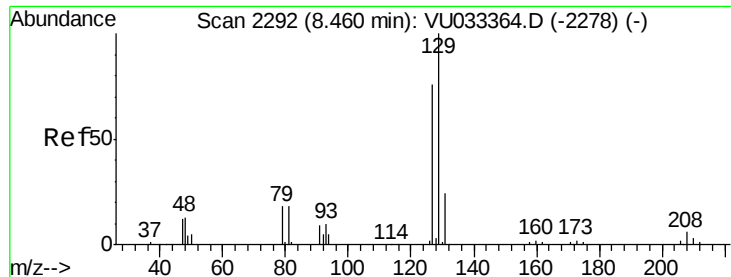
Tgt Ion: 76 Resp: 22799
 Ion Ratio Lower Upper
 76 100
 78 31.2 25.7 38.5



#54
 2-Hexanone
 Concen: 7.930 ug/l
 RT: 8.35 min Scan# 2259
 Delta R.T. 0.00 min
 Lab File: VU033389.D
 Acq: 24 Jul 2019 12:41

Tgt Ion: 43 Resp: 29423
 Ion Ratio Lower Upper
 43 100
 58 54.5 36.0 76.0
 57 17.5 0.0 39.4





#55

Dibromochloromethane

Concen: 2.019 ug/l

RT: 8.46 min Scan# 2292

Delta R.T. -0.00 min

Lab File: VU033389.D

Acq: 24 Jul 2019 12:41

Instrument :

MSVOA_U

ClientSampleId :

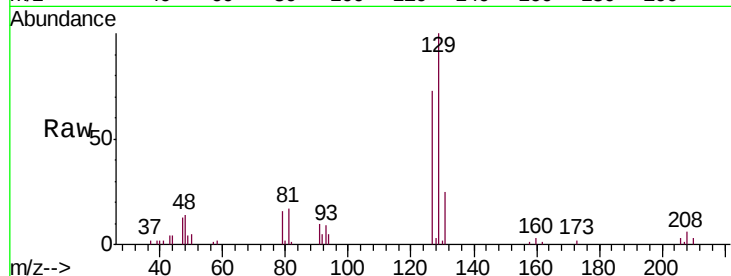
VU0724WBS01

Tgt Ion:129 Resp: 16286

Ion Ratio Lower Upper

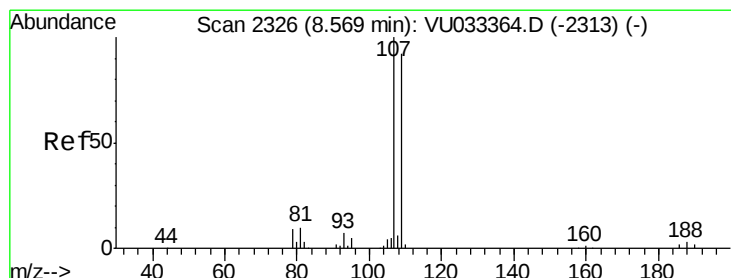
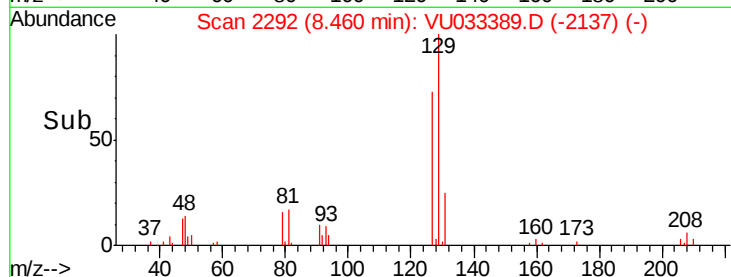
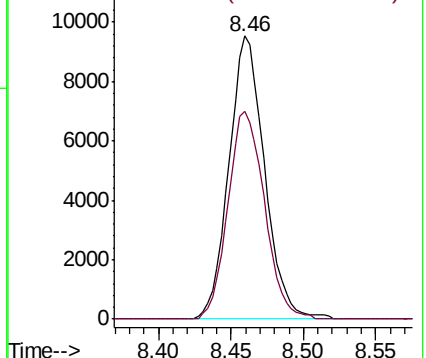
129 100

127 75.2 60.9 91.3



Abundance Ion 129.00 (128.70 to 129.70): V

Ion 127.00 (126.70 to 127.70): V



#56

1,2-Dibromoethane

Concen: 1.868 ug/l

RT: 8.57 min Scan# 2326

Delta R.T. -0.00 min

Lab File: VU033389.D

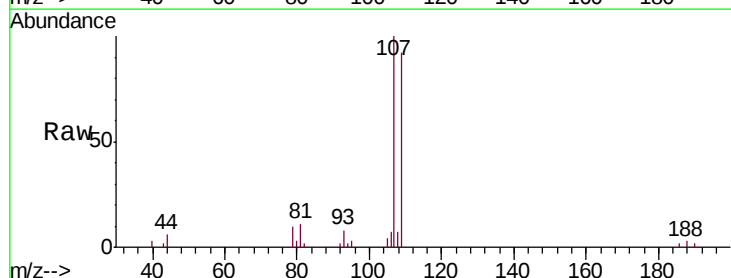
Acq: 24 Jul 2019 12:41

Tgt Ion:107 Resp: 12024

Ion Ratio Lower Upper

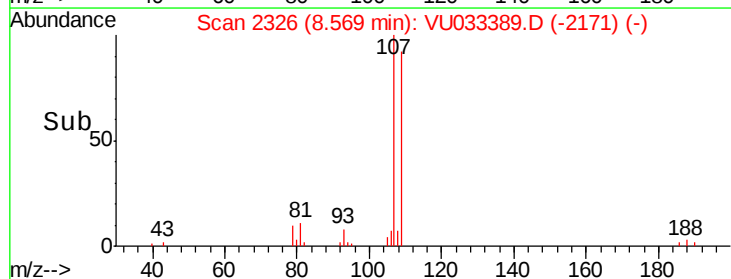
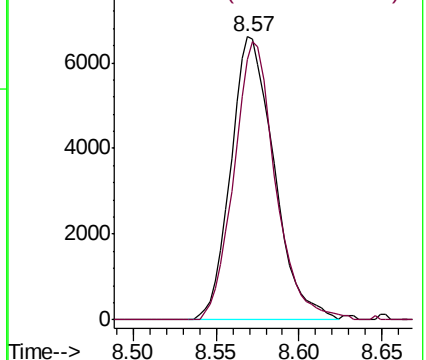
107 100

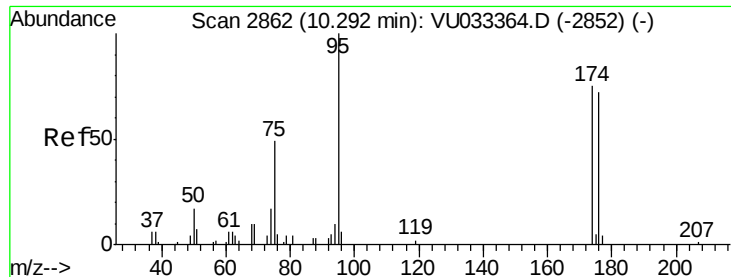
109 94.0 0.0 184.8



Abundance Ion 107.00 (106.70 to 107.70): V

Ion 109.00 (108.70 to 109.70): V





#57

4-Bromofluorobenzene

Concen: 0.982 ug/l

RT: 10.30 min Scan# 2863

Delta R.T. 0.00 min

Lab File: VU033389.D

Acq: 24 Jul 2019 12:41

Instrument :

MSVOA_U

ClientSampleId :

VU0724WBS01

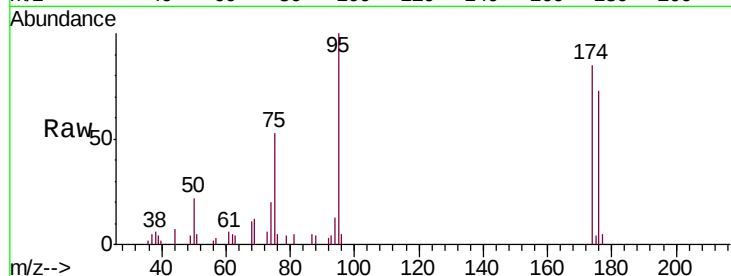
Tgt Ion: 95 Resp: 10924

Ion Ratio Lower Upper

95 100

174 79.5 58.8 88.2

176 70.7 54.4 81.6

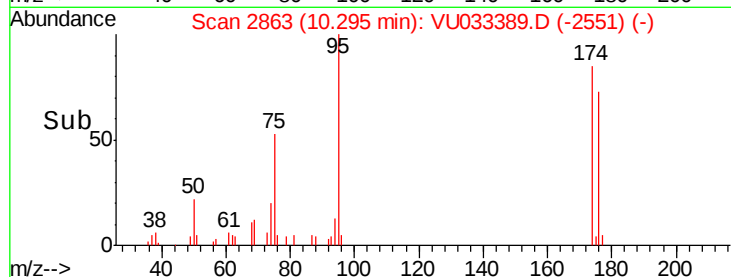


Abundance Ion 95.00 (94.70 to 95.70): VU033364.D (-2852) (-)

Ion 174.00 (173.70 to 174.70): VU033364.D (-2852) (-)

Ion 176.00 (175.70 to 176.70): VU033364.D (-2852) (-)

Time-->

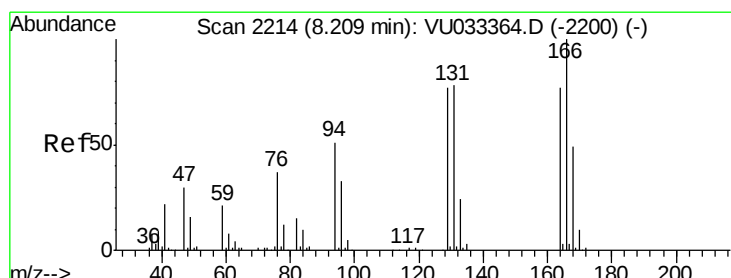


Abundance Ion 95.00 (94.70 to 95.70): VU033389.D (-2551) (-)

Ion 174.00 (173.70 to 174.70): VU033389.D (-2551) (-)

Ion 176.00 (175.70 to 176.70): VU033389.D (-2551) (-)

Time-->



#58

Tetrachloroethene

Concen: 1.941 ug/l

RT: 8.21 min Scan# 2215

Delta R.T. 0.00 min

Lab File: VU033389.D

Acq: 24 Jul 2019 12:41

Tgt Ion: 164 Resp: 15717

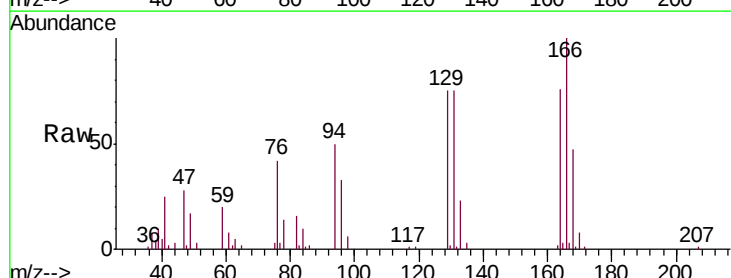
Ion Ratio Lower Upper

164 100

166 131.8 103.8 155.6

129 99.0 79.7 119.5

131 99.0 80.5 120.7



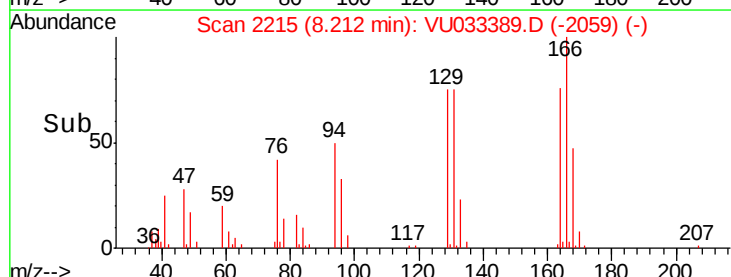
Abundance Ion 163.85 (163.55 to 164.55): VU033364.D (-2200) (-)

Ion 165.80 (165.50 to 166.50): VU033364.D (-2200) (-)

Ion 128.90 (128.60 to 129.60): VU033364.D (-2200) (-)

Ion 130.90 (130.60 to 131.60): VU033364.D (-2200) (-)

Time-->



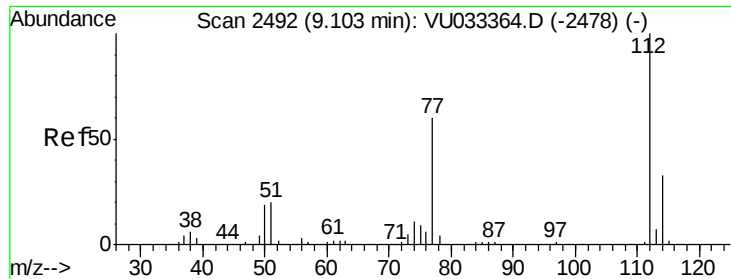
Abundance Ion 163.85 (163.55 to 164.55): VU033389.D (-2059) (-)

Ion 165.80 (165.50 to 166.50): VU033389.D (-2059) (-)

Ion 128.90 (128.60 to 129.60): VU033389.D (-2059) (-)

Ion 130.90 (130.60 to 131.60): VU033389.D (-2059) (-)

Time-->



#59

Chlorobenzene

Concen: 1.917 ug/l

RT: 9.10 min Scan# 2492

Delta R.T. -0.00 min

Lab File: VU033389.D

Acq: 24 Jul 2019 12:41

Instrument :

MSVOA_U

ClientSampleId :

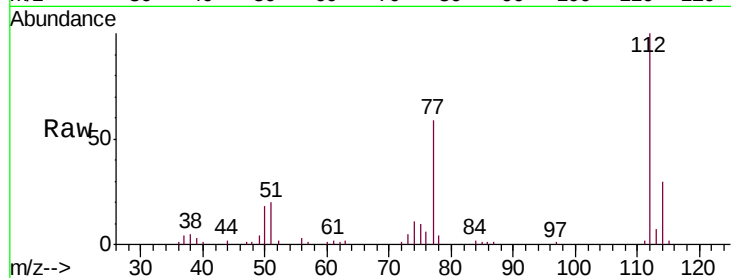
VU0724WBS01

Tgt Ion:112 Resp: 42605

Ion Ratio Lower Upper

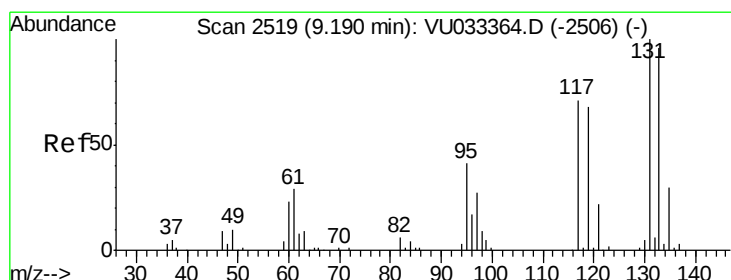
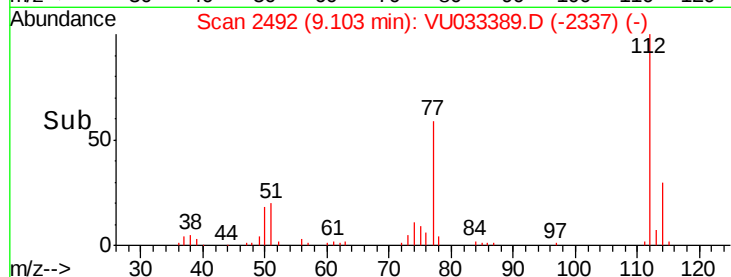
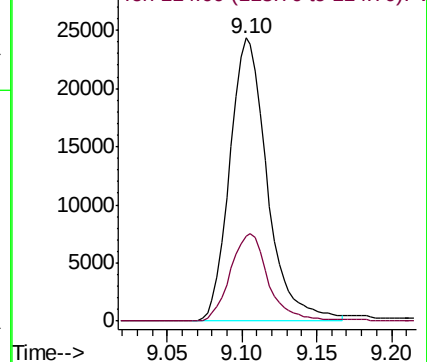
112 100

114 29.8 26.4 39.6



Abundance Ion 112.00 (111.70 to 112.70): V

Ion 114.00 (113.70 to 114.70): V



#60

1,1,1,2-Tetrachloroethane

Concen: 1.942 ug/l

RT: 9.19 min Scan# 2520

Delta R.T. 0.00 min

Lab File: VU033389.D

Acq: 24 Jul 2019 12:41

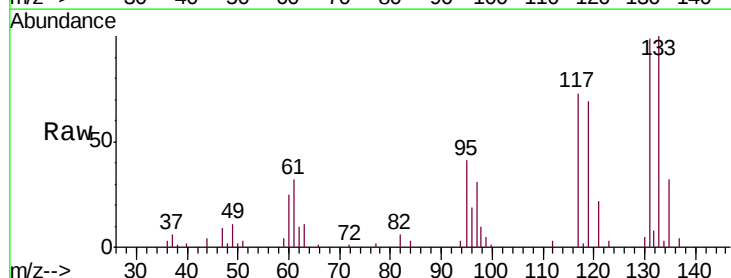
Tgt Ion:131 Resp: 16391

Ion Ratio Lower Upper

131 100

133 98.0 76.2 114.4

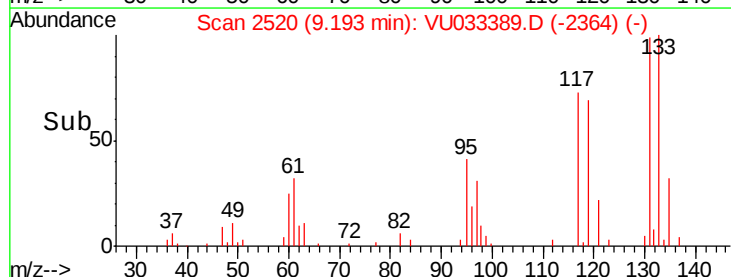
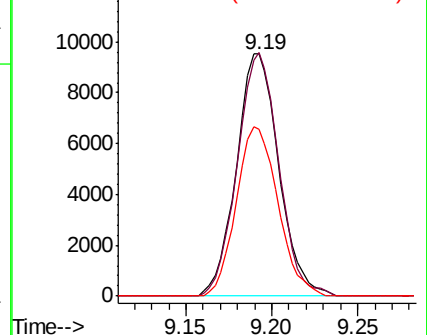
119 68.8 54.9 82.3

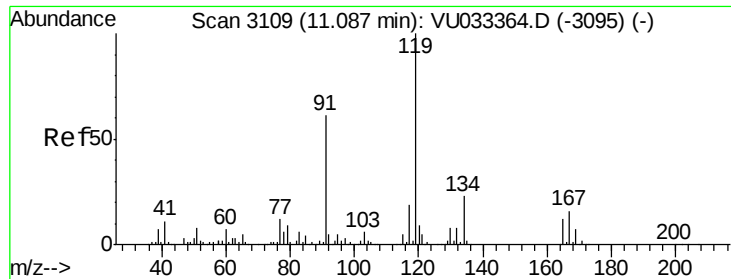


Abundance Ion 131.00 (130.70 to 131.70): V

Ion 133.00 (132.70 to 133.70): V

Ion 119.00 (118.70 to 119.70): V

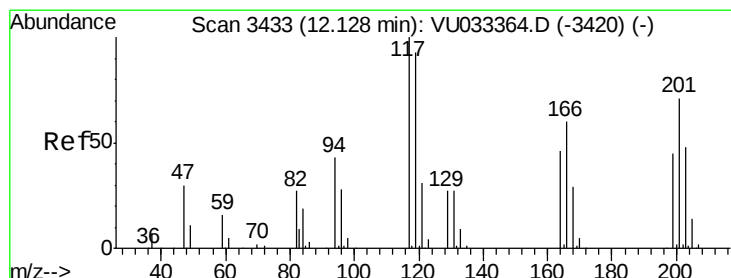
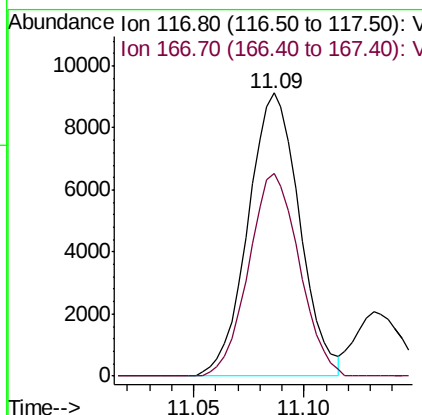
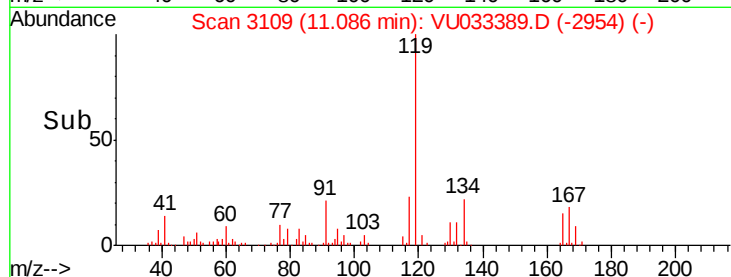
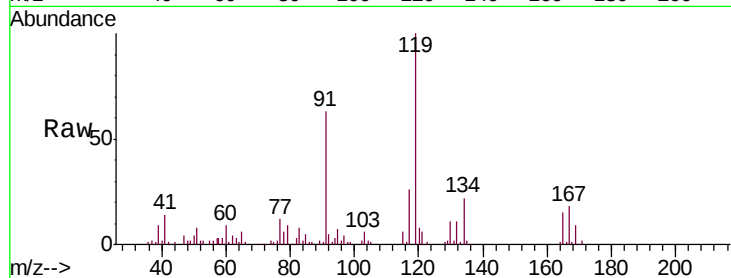




#61
 Pentachloroethane
 Concen: 2.133 ug/l
 RT: 11.09 min Scan# 3109
 Delta R.T. -0.00 min
 Lab File: VU033389.D
 Acq: 24 Jul 2019 12:41

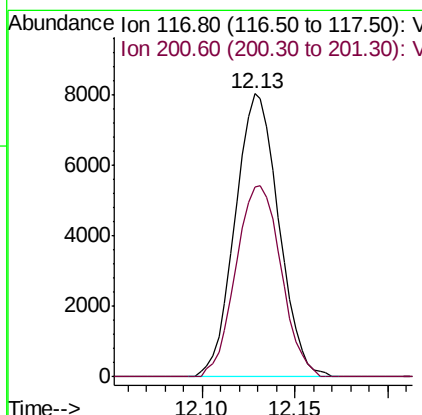
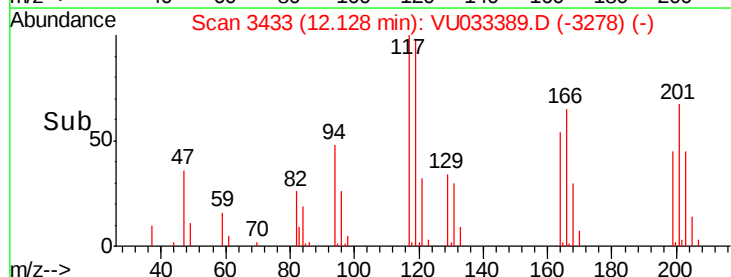
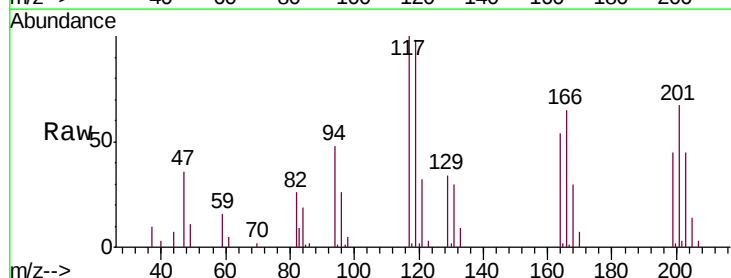
Instrument :
 MSVOA_U
 ClientSampleId :
 VU0724WBS01

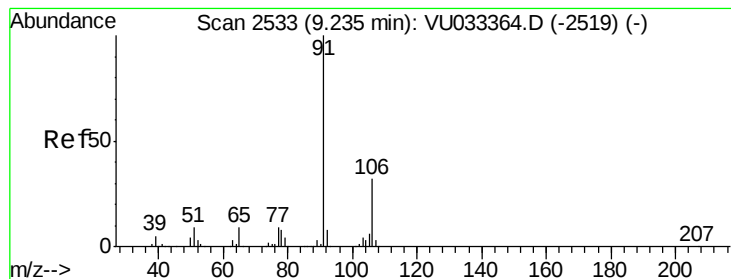
Tgt Ion:117 Resp: 14773
 Ion Ratio Lower Upper
 117 100
 167 70.1 63.4 95.0



#62
 Hexachloroethane
 Concen: 1.966 ug/l
 RT: 12.13 min Scan# 3433
 Delta R.T. -0.00 min
 Lab File: VU033389.D
 Acq: 24 Jul 2019 12:41

Tgt Ion:117 Resp: 13174
 Ion Ratio Lower Upper
 117 100
 201 69.9 57.9 86.9





#63

Ethyl Benzene

Concen: 1.810 ug/l

RT: 9.23 min Scan# 2533

Delta R.T. -0.00 min

Lab File: VU033389.D

Acq: 24 Jul 2019 12:41

Instrument :

MSVOA_U

ClientSampleId :

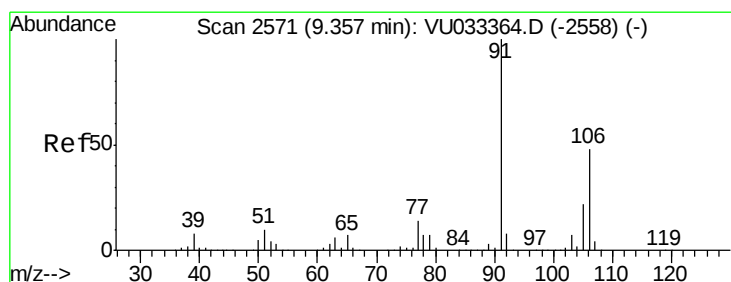
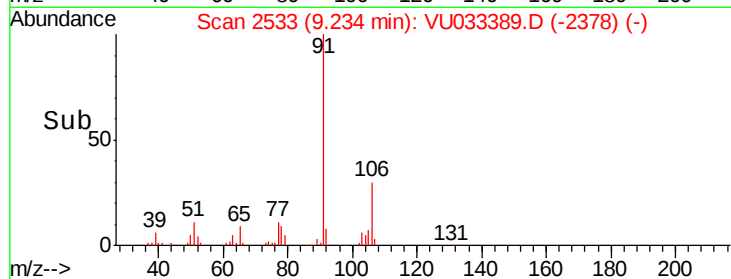
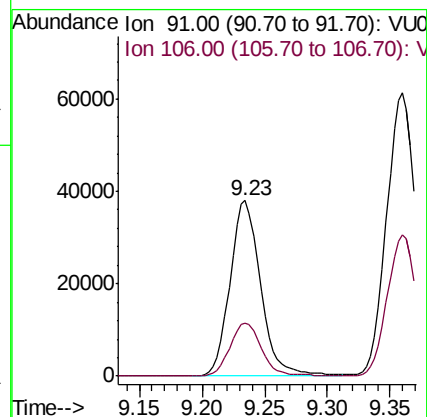
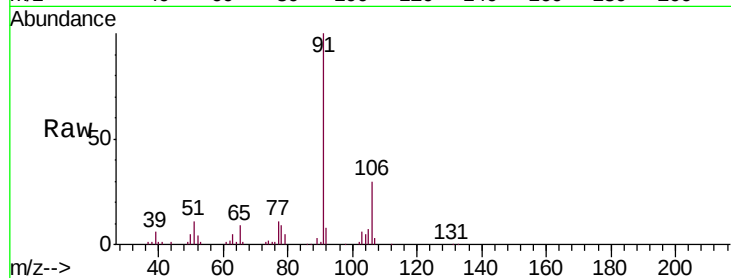
VU0724WBS01

Tgt Ion: 91 Resp: 64599

Ion Ratio Lower Upper

91 100

106 30.3 25.4 38.2



#64

m/p-Xylenes

Concen: 3.715 ug/l

RT: 9.36 min Scan# 2572

Delta R.T. 0.00 min

Lab File: VU033389.D

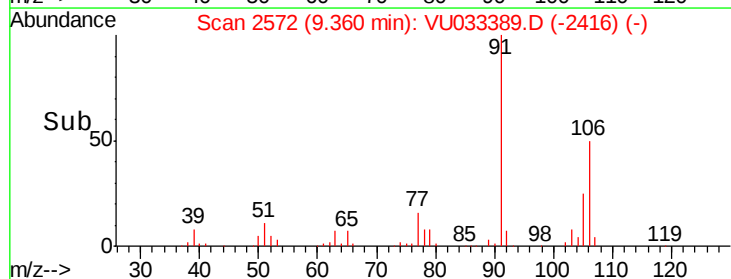
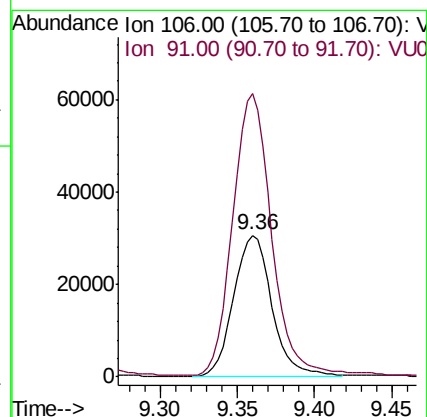
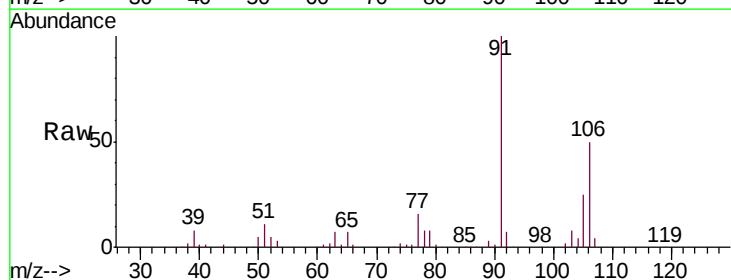
Acq: 24 Jul 2019 12:41

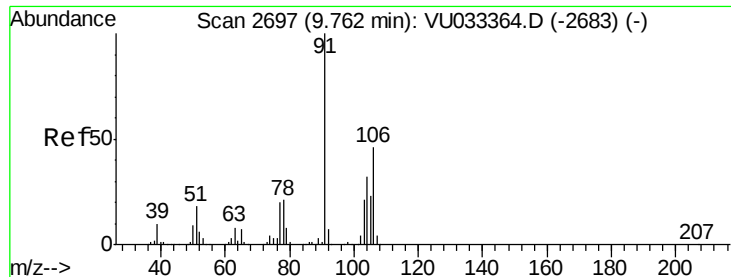
Tgt Ion: 106 Resp: 53004

Ion Ratio Lower Upper

106 100

91 201.7 167.1 250.7





#65

o-Xylene

Concen: 1.820 ug/l

RT: 9.76 min Scan# 2698

Delta R.T. 0.00 min

Lab File: VU033389.D

Acq: 24 Jul 2019 12:41

Instrument :

MSVOA_U

ClientSampleId :

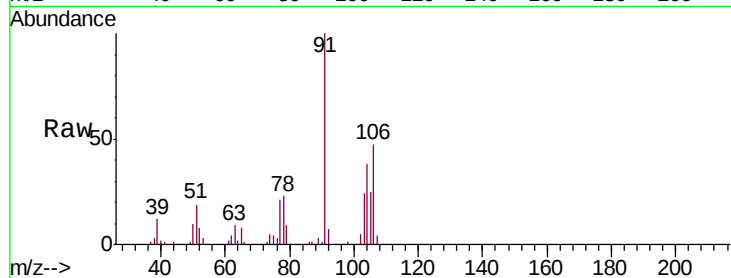
VU0724WBS01

Tgt Ion:106 Resp: 24881

Ion Ratio Lower Upper

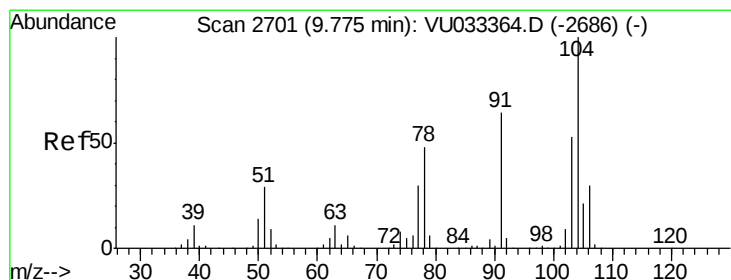
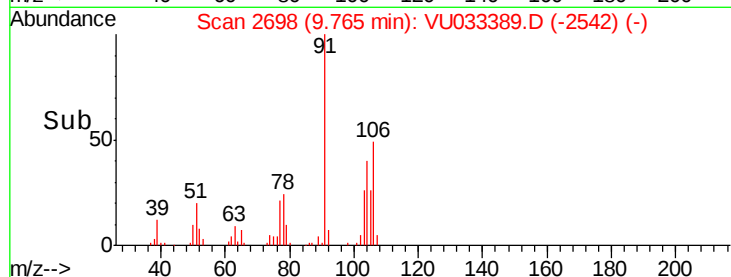
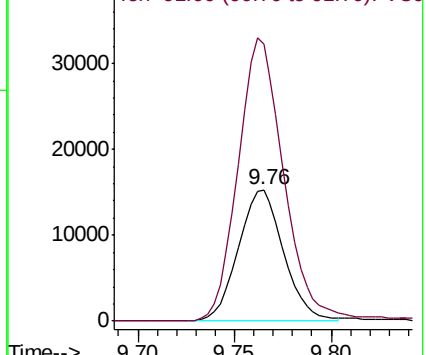
106 100

91 219.9 108.5 325.3



Abundance Ion 106.00 (105.70 to 106.70): V

Ion 91.00 (90.70 to 91.70): VU0



#66

Styrene

Concen: 1.810 ug/l

RT: 9.78 min Scan# 2702

Delta R.T. 0.00 min

Lab File: VU033389.D

Acq: 24 Jul 2019 12:41

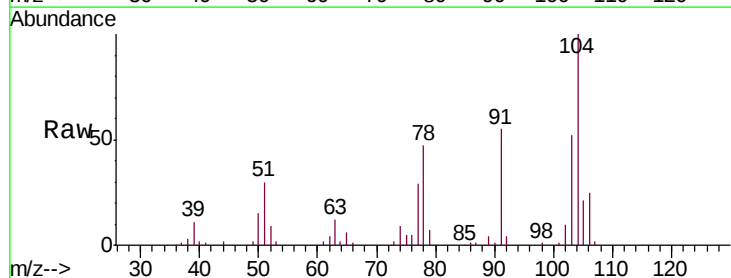
Tgt Ion:104 Resp: 41966

Ion Ratio Lower Upper

104 100

78 53.2 41.2 61.8

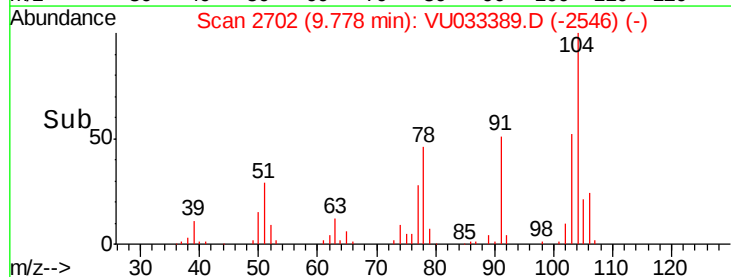
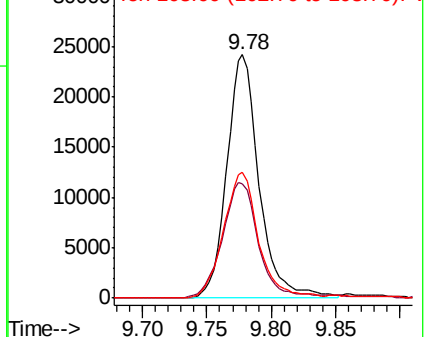
103 55.3 44.7 67.1

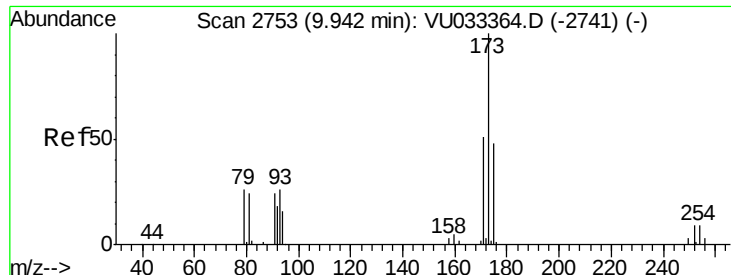


Abundance Ion 104.00 (103.70 to 104.70): V

Ion 78.00 (77.70 to 78.70): VU0

Ion 103.00 (102.70 to 103.70): V





#67

Bromoform

Concen: 1.967 ug/l

RT: 9.94 min Scan# 2754

Delta R.T. 0.00 min

Lab File: VU033389.D

Acq: 24 Jul 2019 12:41

Instrument :

MSVOA_U

ClientSampleId :

VU0724WBS01

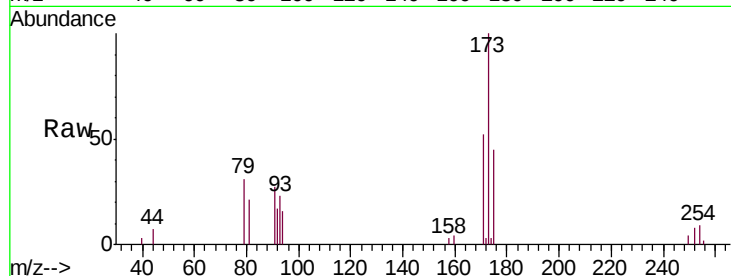
Tgt Ion:173 Resp: 8589

Ion Ratio Lower Upper

173 100

175 46.8 38.6 58.0

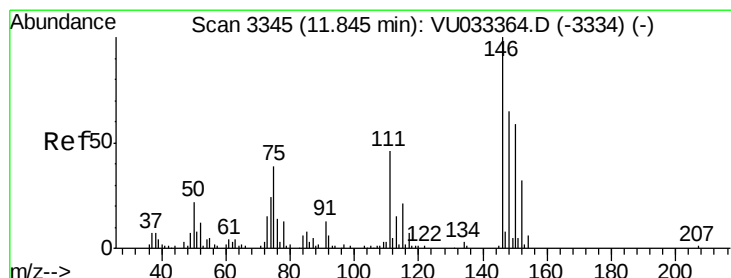
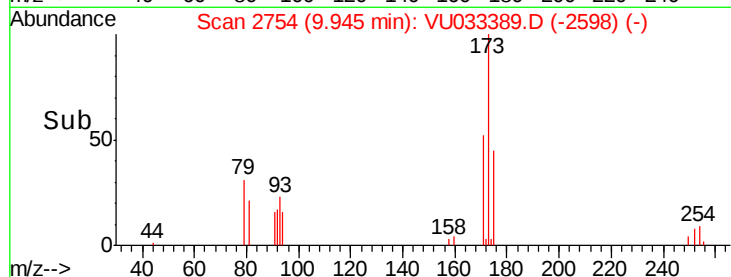
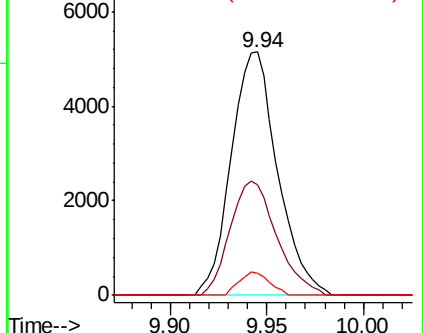
254 6.2 6.8 10.2#



Abundance Ion 172.90 (172.60 to 173.60): V

Ion 174.90 (174.60 to 175.60): V

Ion 253.75 (253.45 to 254.45): V



#68

1,2-Dichlorobenzene-d4

Concen: 1.024 ug/l

RT: 11.85 min Scan# 3345

Delta R.T. -0.00 min

Lab File: VU033389.D

Acq: 24 Jul 2019 12:41

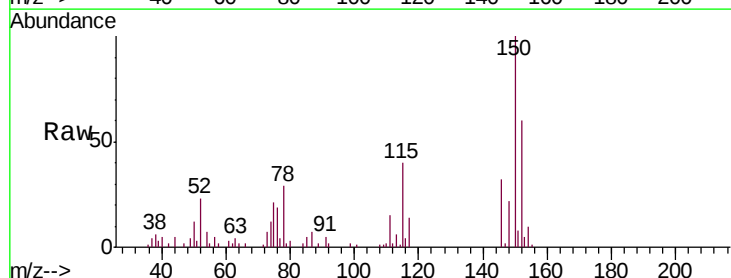
Tgt Ion:152 Resp: 11752

Ion Ratio Lower Upper

152 100

115 87.6 0.0 123.2

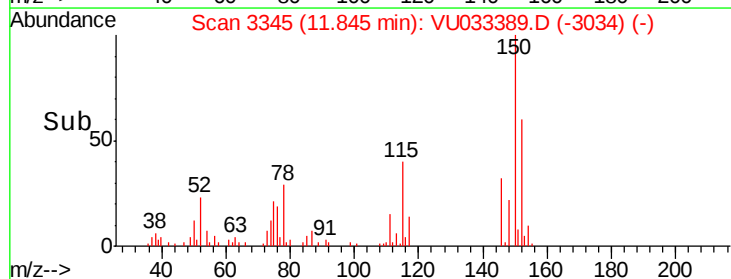
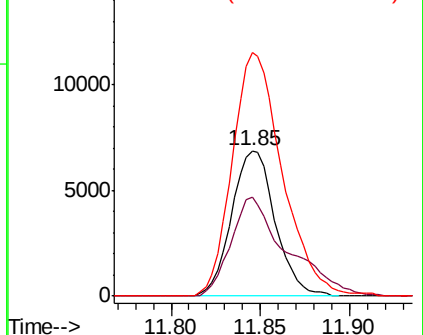
150 191.9 0.0 648.4

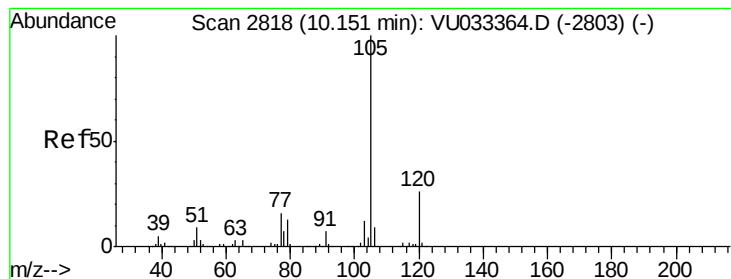


Abundance Ion 152.00 (151.70 to 152.70): V

Ion 115.00 (114.70 to 115.70): V

Ion 150.00 (149.70 to 150.70): V





#69

Isopropylbenzene

Concen: 1.854 ug/l

RT: 10.15 min Scan# 2818

Delta R.T. -0.00 min

Lab File: VU033389.D

Acq: 24 Jul 2019 12:41

Instrument :

MSVOA_U

ClientSampleId :

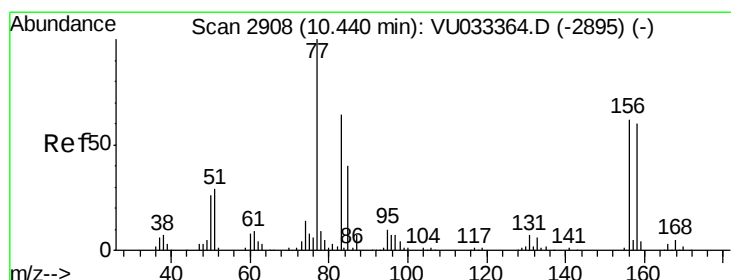
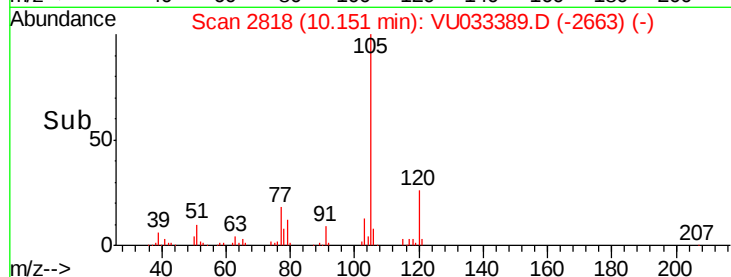
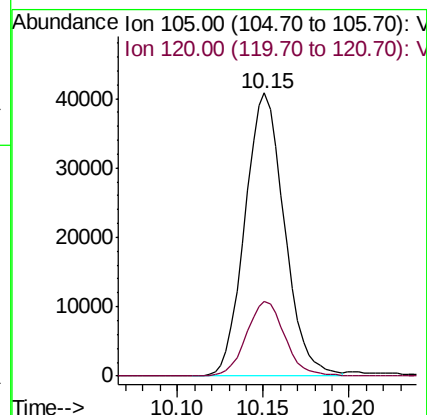
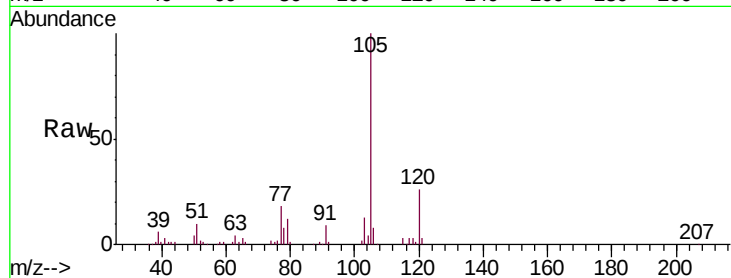
VU0724WBS01

Tgt Ion:105 Resp: 64987

Ion Ratio Lower Upper

105 100

120 25.8 13.4 40.1



#70

1,1,2,2-Tetrachloroethane

Concen: 1.953 ug/l

RT: 10.44 min Scan# 2908

Delta R.T. -0.00 min

Lab File: VU033389.D

Acq: 24 Jul 2019 12:41

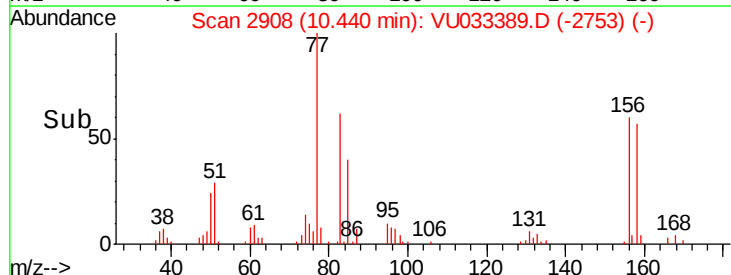
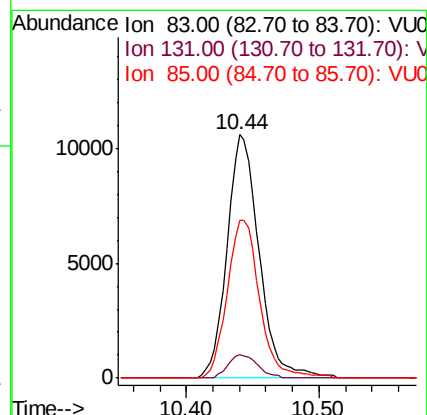
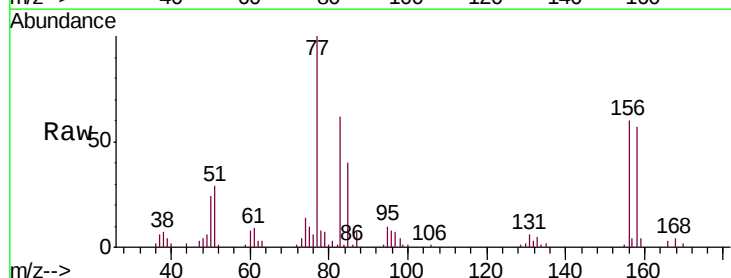
Tgt Ion: 83 Resp: 17877

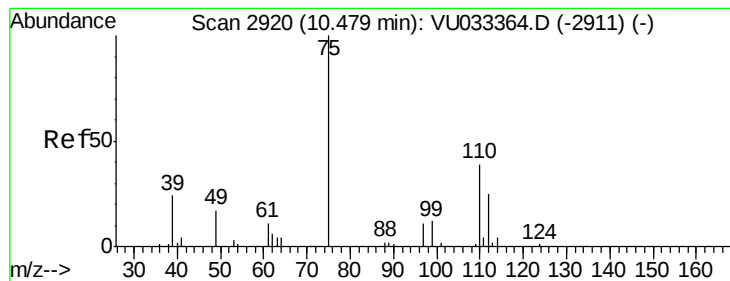
Ion Ratio Lower Upper

83 100

131 8.8 8.0 12.0

85 65.5 51.8 77.8





#71

1,2,3-Trichloropropane

Concen: 2.935 ug/l

RT: 10.48 min Scan# 2921

Delta R.T. 0.00 min

Lab File: VU033389.D

Acq: 24 Jul 2019 12:41

Instrument :

MSVOA_U

ClientSampleId :

VU0724WBS01

Tgt Ion: 75 Resp: 20744

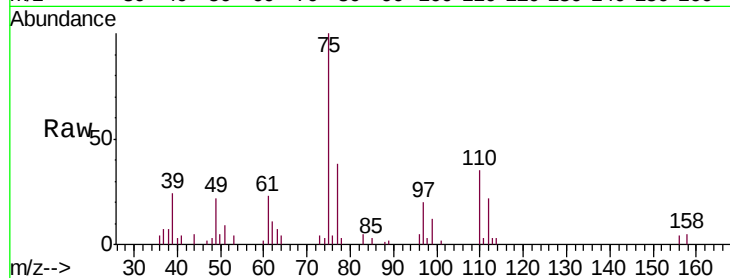
Ion Ratio Lower Upper

75 100

77 34.2 0.0 18.2#

110 21.8 0.0 71.4

97 12.1 0.0 37.8

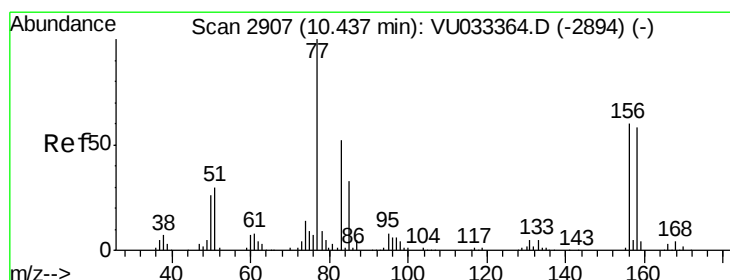
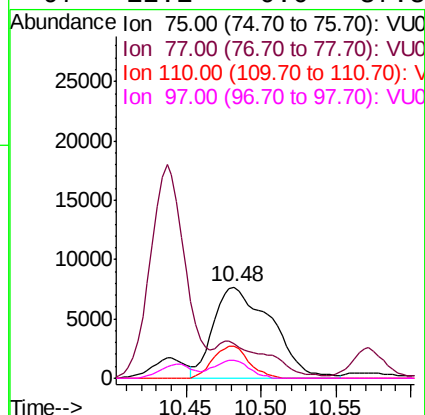
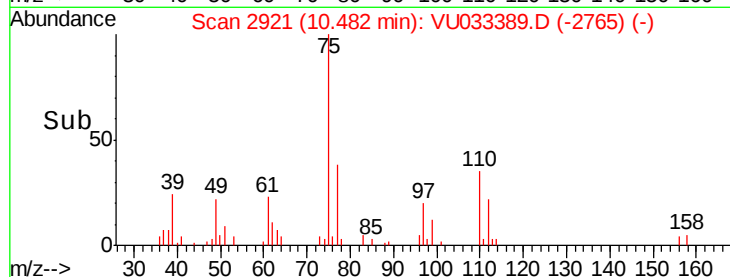


Abundance Ion 75.00 (74.70 to 75.70): VU0

Ion 77.00 (76.70 to 77.70): VU0

Ion 110.00 (109.70 to 110.70): V

Ion 97.00 (96.70 to 97.70): VU0



#72

Bromobenzene

Concen: 1.968 ug/l

RT: 10.44 min Scan# 2907

Delta R.T. -0.00 min

Lab File: VU033389.D

Acq: 24 Jul 2019 12:41

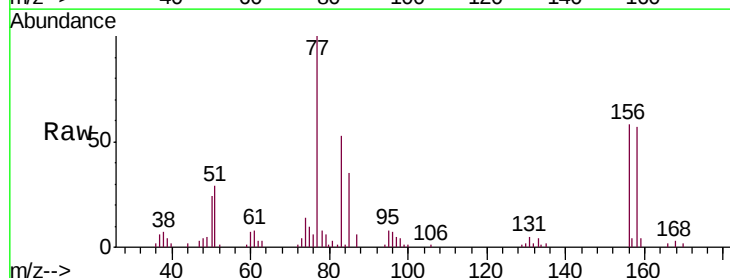
Tgt Ion: 156 Resp: 18225

Ion Ratio Lower Upper

156 100

77 161.2 0.0 324.4

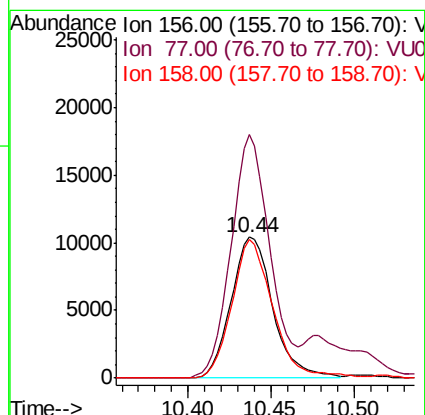
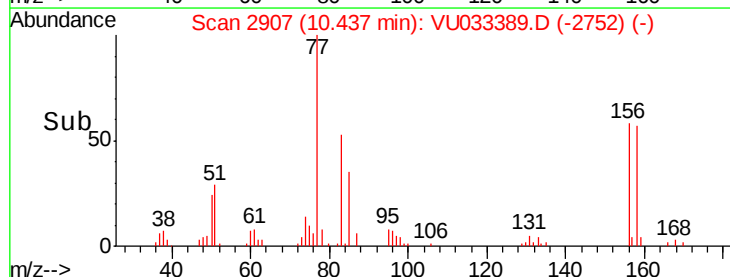
158 97.0 0.0 192.4

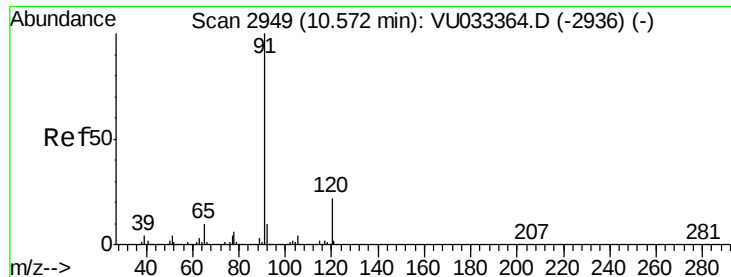


Abundance Ion 156.00 (155.70 to 156.70): V

Ion 77.00 (76.70 to 77.70): VU0

Ion 158.00 (157.70 to 158.70): V





#73

n-propylbenzene

Concen: 1.908 ug/l

RT: 10.57 min Scan# 2949

Delta R.T. -0.00 min

Lab File: VU033389.D

Acq: 24 Jul 2019 12:41

Instrument :

MSVOA_U

ClientSampleId :

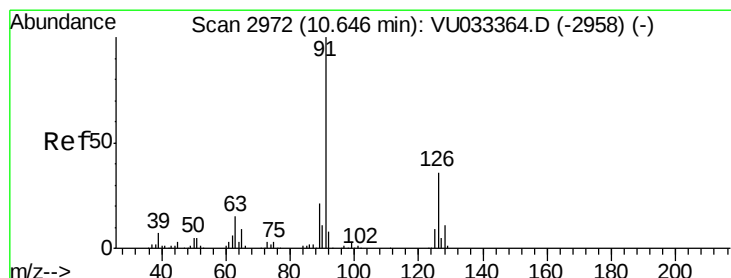
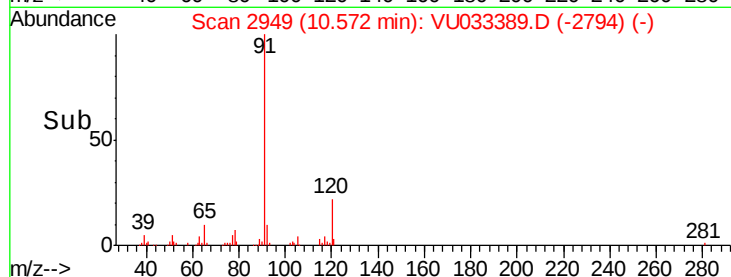
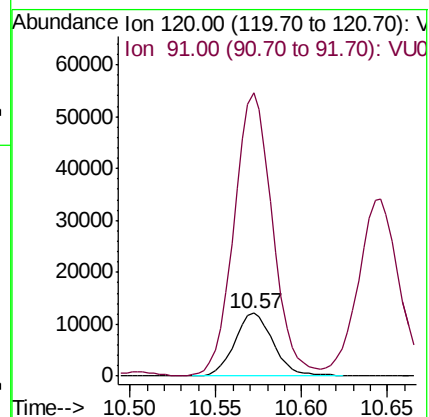
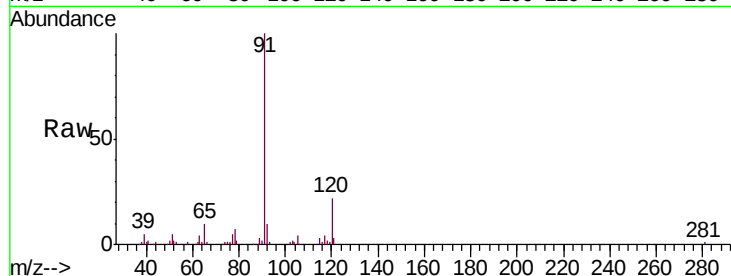
VU0724WBS01

Tgt Ion:120 Resp: 19069

Ion Ratio Lower Upper

120 100

91 443.7 355.1 532.7



#74

2-Chlorotoluene

Concen: 1.959 ug/l

RT: 10.65 min Scan# 2972

Delta R.T. -0.00 min

Lab File: VU033389.D

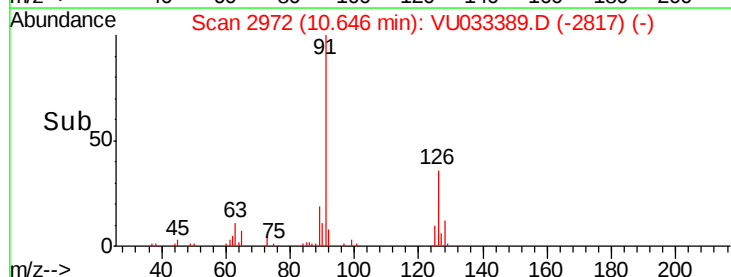
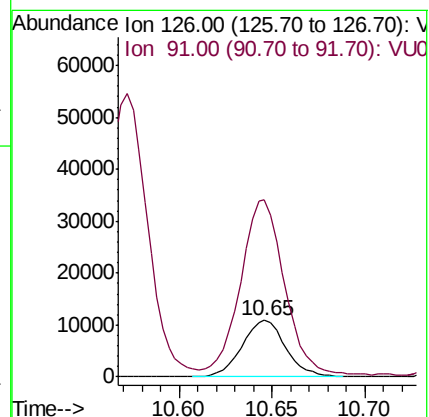
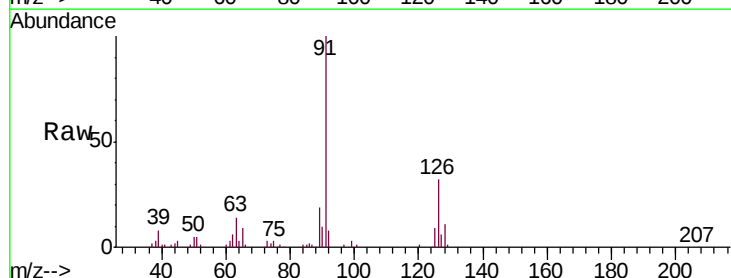
Acq: 24 Jul 2019 12:41

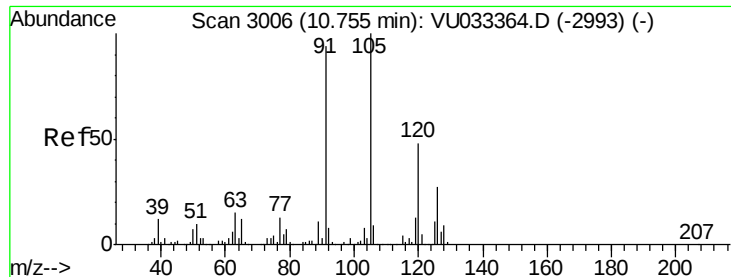
Tgt Ion:126 Resp: 17873

Ion Ratio Lower Upper

126 100

91 309.3 0.0 598.0





#75

1,3,5-Trimethylbenzene

Concen: 1.935 ug/l

RT: 10.76 min Scan# 3007

Delta R.T. 0.00 min

Lab File: VU033389.D

Acq: 24 Jul 2019 12:41

Instrument :

MSVOA_U

ClientSampleId :

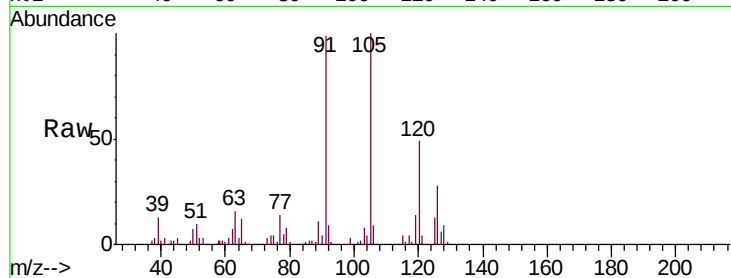
VU0724WBS01

Tgt Ion:105 Resp: 60910

Ion Ratio Lower Upper

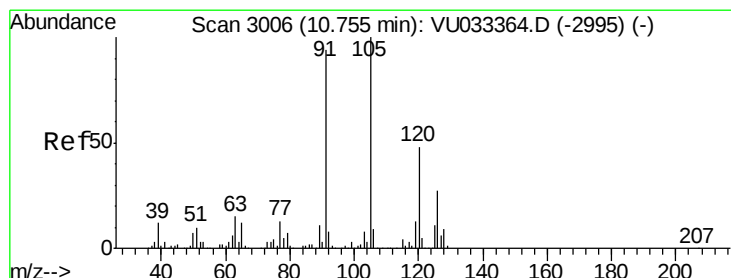
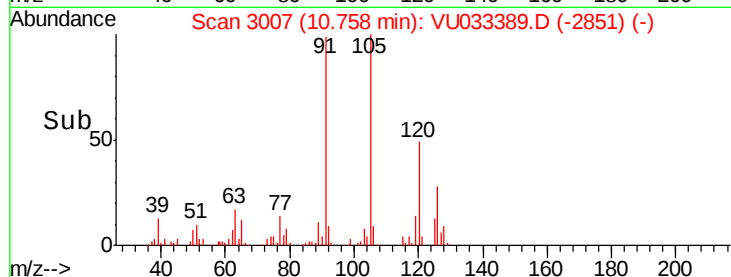
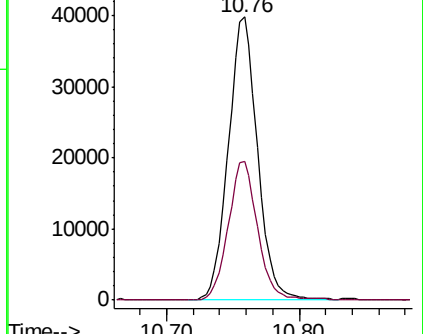
105 100

120 48.8 38.2 57.4



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#76

4-Chlorotoluene

Concen: 1.975 ug/l

RT: 10.76 min Scan# 3007

Delta R.T. 0.00 min

Lab File: VU033389.D

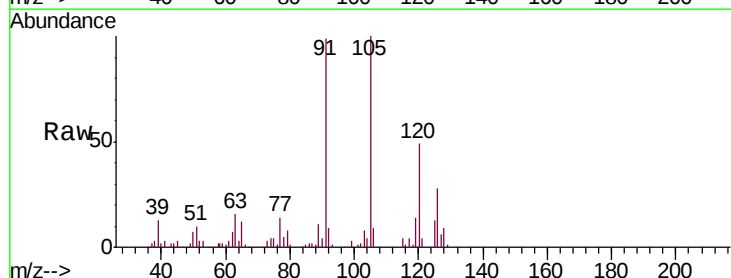
Acq: 24 Jul 2019 12:41

Tgt Ion:126 Resp: 18772

Ion Ratio Lower Upper

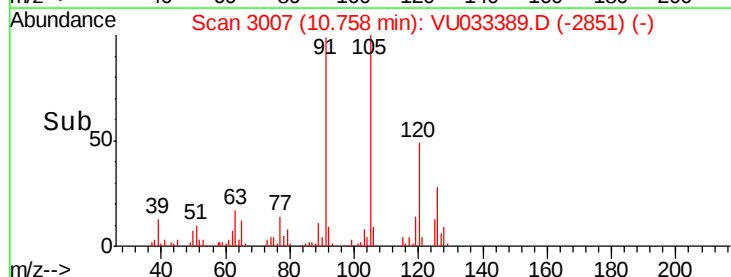
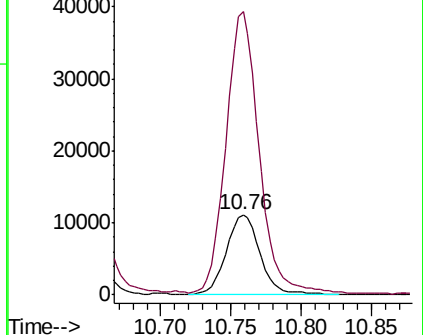
126 100

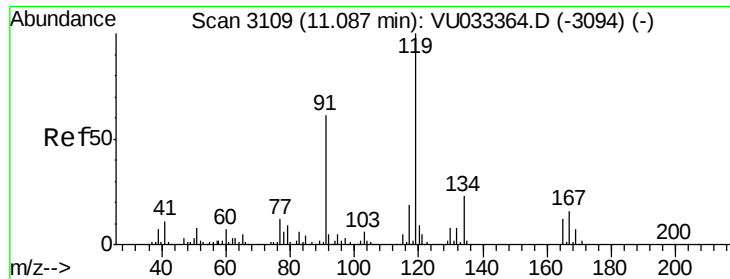
91 340.0 0.0 681.0



Abundance Ion 126.00 (125.70 to 126.70): V

Ion 91.00 (90.70 to 91.70): VU0





#77

tert-Butylbenzene

Concen: 1.914 ug/l

RT: 11.08 min Scan# 3108

Delta R.T. -0.00 min

Lab File: VU033389.D

Acq: 24 Jul 2019 12:41

Instrument :

MSVOA_U

ClientSampleId :

VU0724WBS01

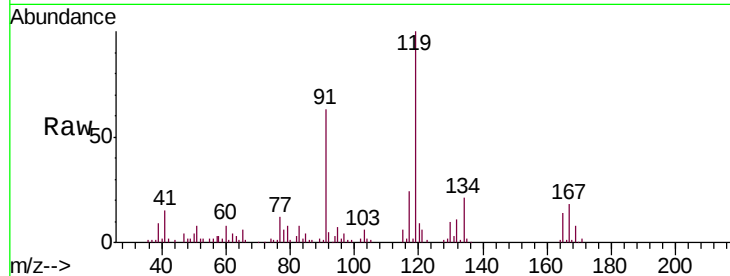
Tgt Ion:119 Resp: 57101

Ion Ratio Lower Upper

119 100

91 61.4 30.4 91.3

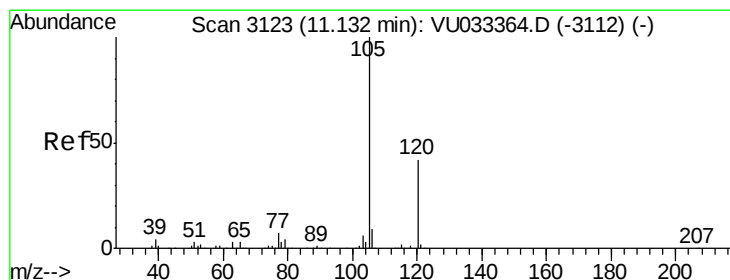
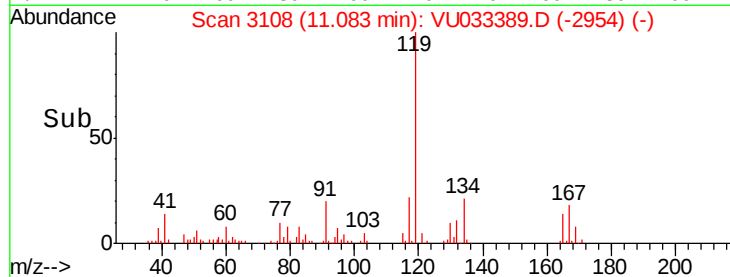
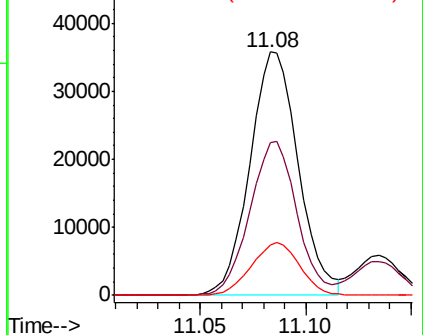
134 21.6 18.5 27.7



Abundance Ion 119.00 (118.70 to 119.70): V

Ion 91.00 (90.70 to 91.70): VU0

Ion 134.00 (133.70 to 134.70): V



#78

1,2,4-Trimethylbenzene

Concen: 1.915 ug/l

RT: 11.13 min Scan# 3124

Delta R.T. 0.00 min

Lab File: VU033389.D

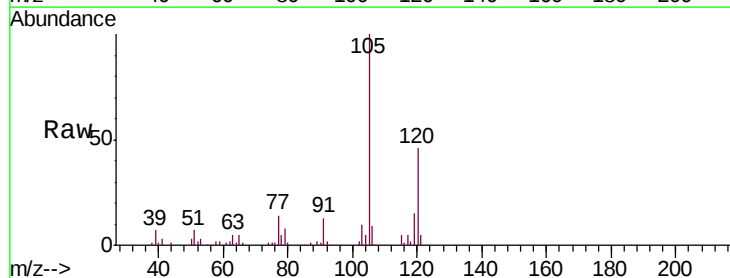
Acq: 24 Jul 2019 12:41

Tgt Ion:105 Resp: 61590

Ion Ratio Lower Upper

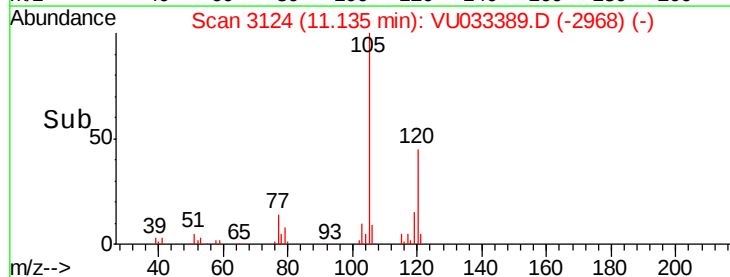
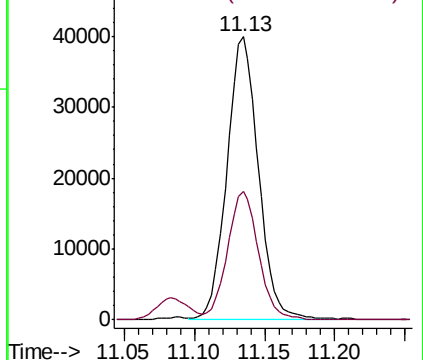
105 100

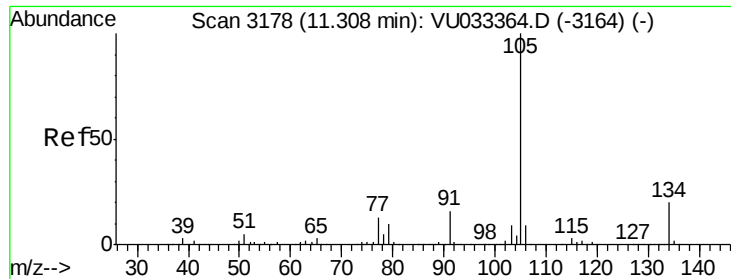
120 44.8 22.5 67.5



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V

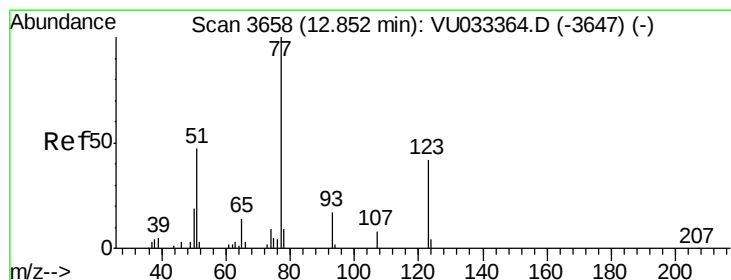
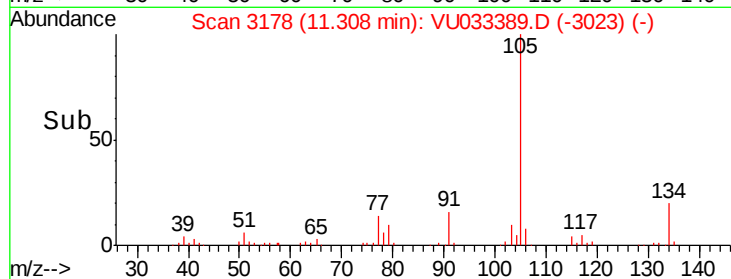
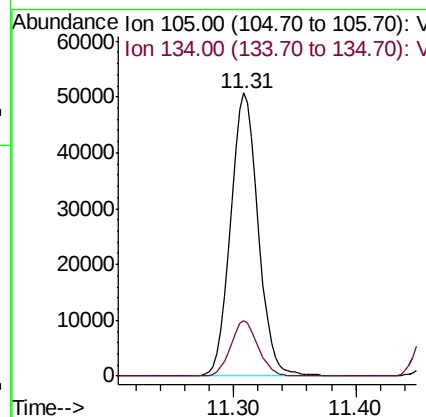
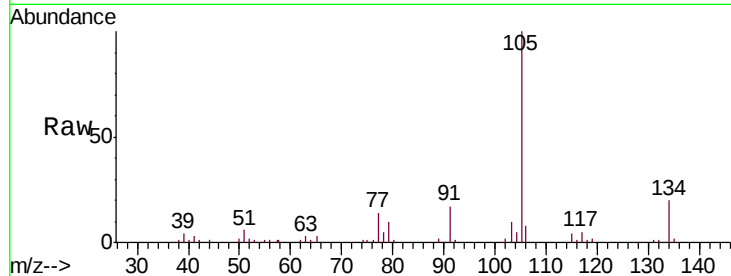




#79
 sec-Butylbenzene
 Concen: 1.957 ug/l
 RT: 11.31 min Scan# 3178
 Delta R.T. -0.00 min
 Lab File: VU033389.D
 Acq: 24 Jul 2019 12:41

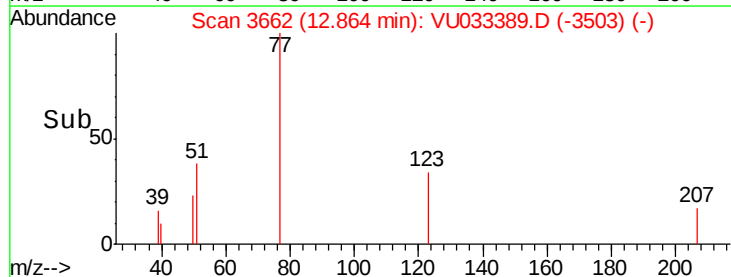
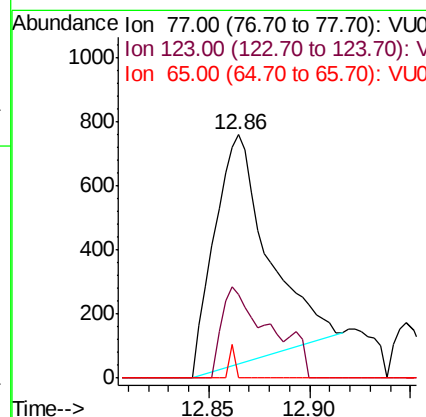
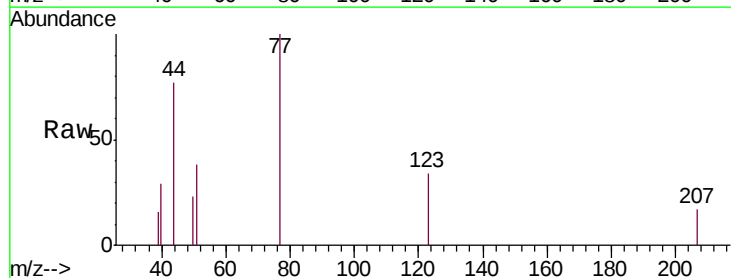
Instrument :
 MSVOA_U
 ClientSampleId :
 VU0724WBS01

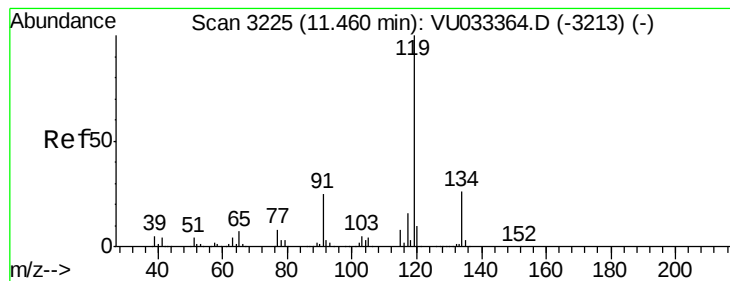
Tgt Ion: 105 Resp: 80327
 Ion Ratio Lower Upper
 105 100
 134 19.3 15.5 23.3



#80
 Nitrobenzene
 Concen: 3.503 ug/l
 RT: 12.86 min Scan# 3662
 Delta R.T. 0.01 min
 Lab File: VU033389.D
 Acq: 24 Jul 2019 12:41

Tgt Ion: 77 Resp: 1333
 Ion Ratio Lower Upper
 77 100
 123 21.2 19.3 68.3
 65 1.5 10.1 12.9#





#81

p-Isopropyltoluene

Concen: 1.918 ug/l

RT: 11.46 min Scan# 3226

Delta R.T. 0.00 min

Lab File: VU033389.D

Acq: 24 Jul 2019 12:41

Instrument :

MSVOA_U

ClientSampleId :

VU0724WBS01

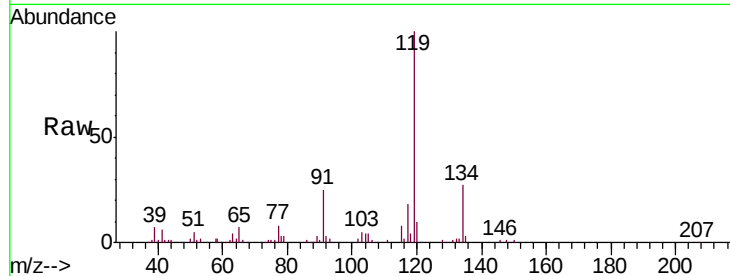
Tgt Ion:119 Resp: 64033

Ion Ratio Lower Upper

119 100

134 26.3 21.0 31.4

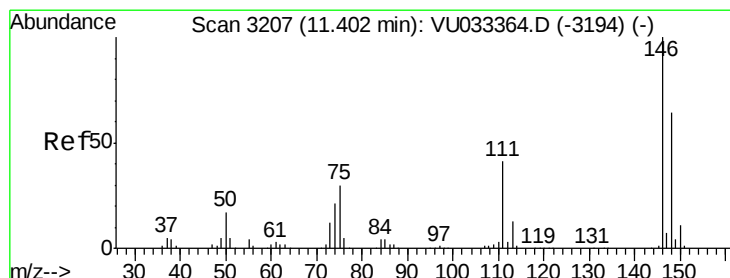
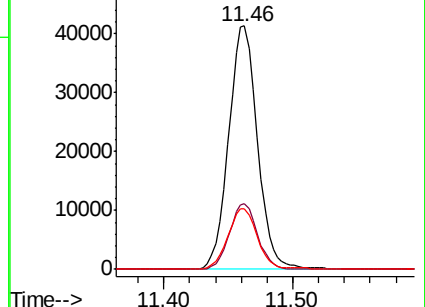
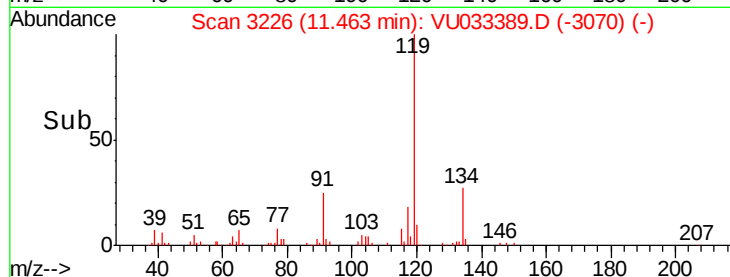
91 25.5 19.8 29.6



Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): VU0



#82

1,3-Dichlorobenzene

Concen: 2.026 ug/l

RT: 11.40 min Scan# 3207

Delta R.T. -0.00 min

Lab File: VU033389.D

Acq: 24 Jul 2019 12:41

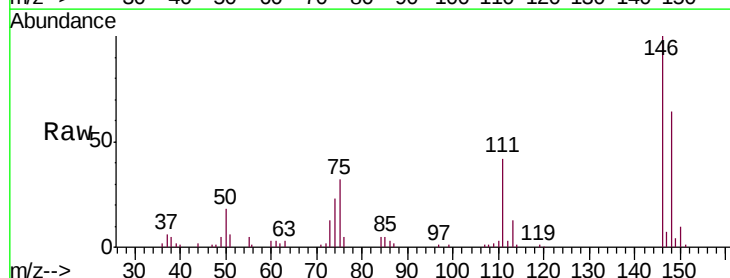
Tgt Ion:146 Resp: 39882

Ion Ratio Lower Upper

146 100

111 40.6 33.3 49.9

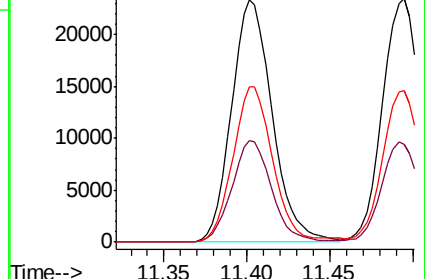
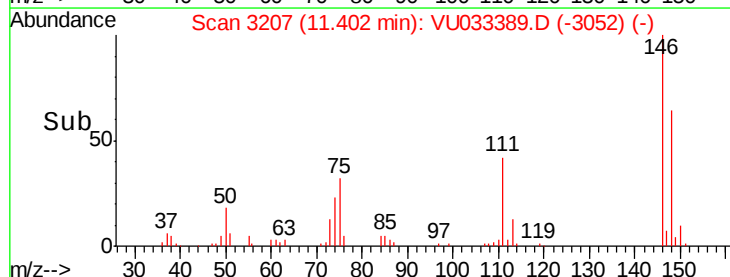
148 63.0 50.8 76.2

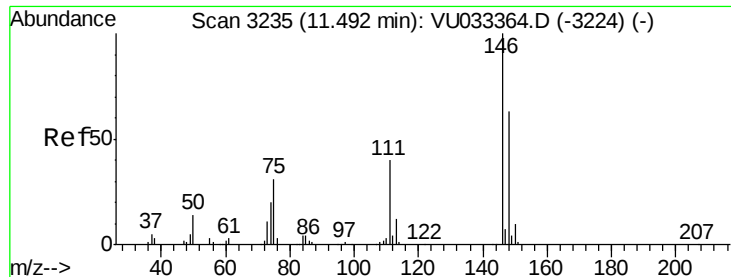


Abundance Ion 146.00 (145.70 to 146.70): V

Ion 111.00 (110.70 to 111.70): V

Ion 148.00 (147.70 to 148.70): V





#83

1,4-Dichlorobenzene

Concen: 2.018 ug/l

RT: 11.49 min Scan# 3236

Delta R.T. 0.00 min

Lab File: VU033389.D

Acq: 24 Jul 2019 12:41

Instrument :

MSVOA_U

ClientSampleId :

VU0724WBS01

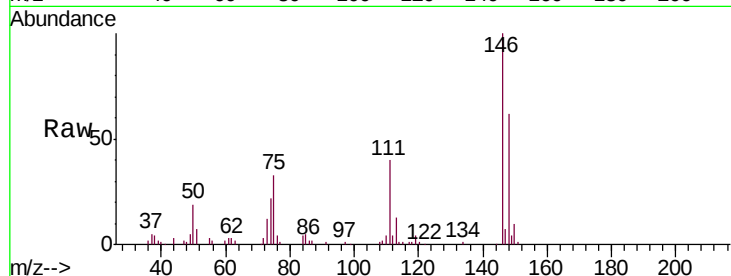
Tgt Ion:146 Resp: 39301

Ion Ratio Lower Upper

146 100

111 40.9 32.2 48.4

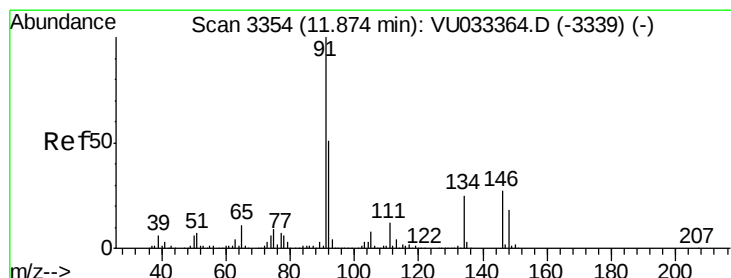
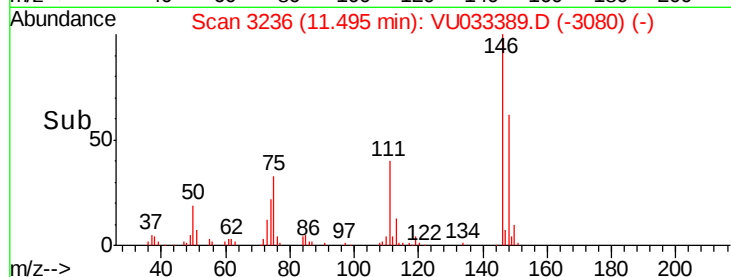
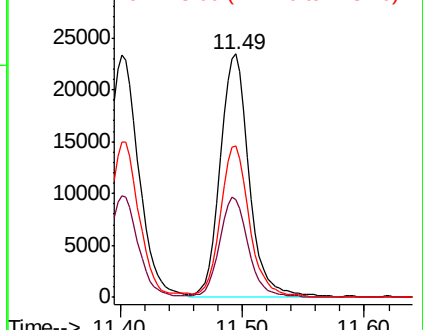
148 62.7 51.0 76.4



Abundance Ion 146.00 (145.70 to 146.70): V

Ion 111.00 (110.70 to 111.70): V

Ion 148.00 (147.70 to 148.70): V



#84

n-Butylbenzene

Concen: 1.923 ug/l

RT: 11.87 min Scan# 3354

Delta R.T. -0.00 min

Lab File: VU033389.D

Acq: 24 Jul 2019 12:41

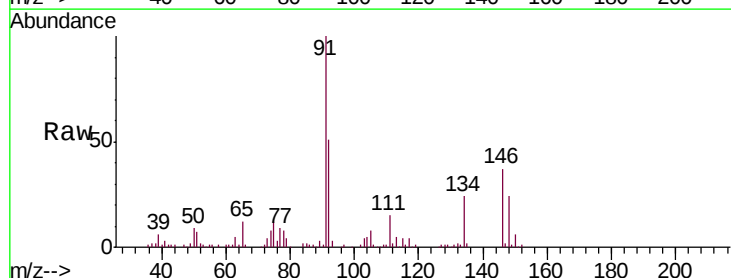
Tgt Ion: 91 Resp: 65692

Ion Ratio Lower Upper

91 100

92 49.4 41.0 61.6

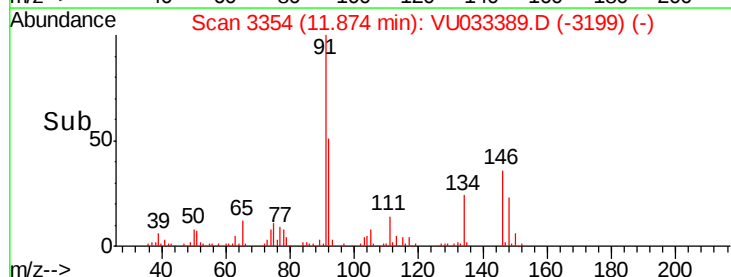
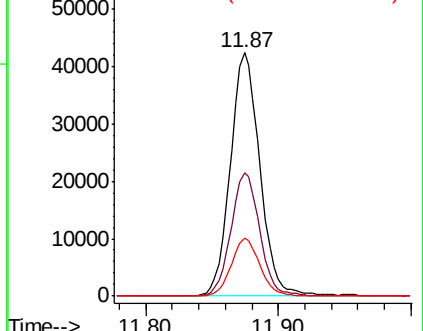
134 22.9 19.5 29.3

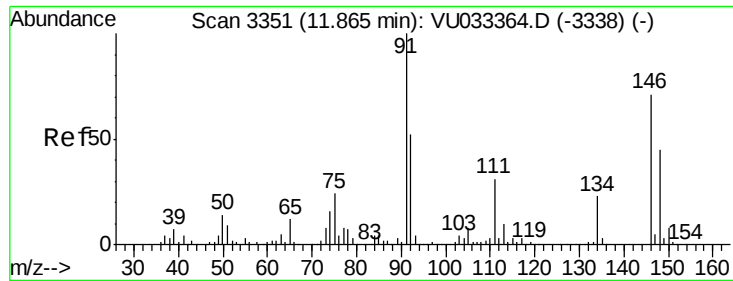


Abundance Ion 91.00 (90.70 to 91.70): VU0

Ion 92.00 (91.70 to 92.70): VU0

Ion 134.00 (133.70 to 134.70): V

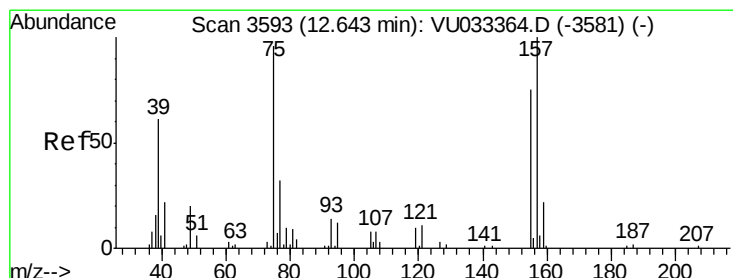
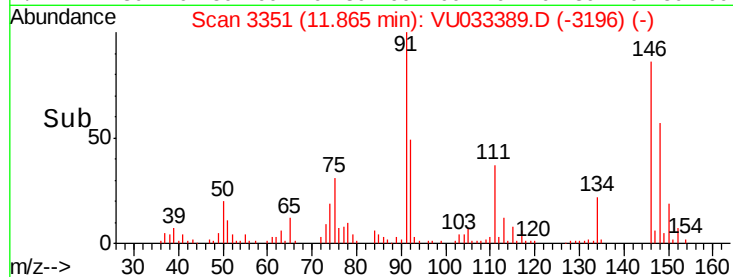
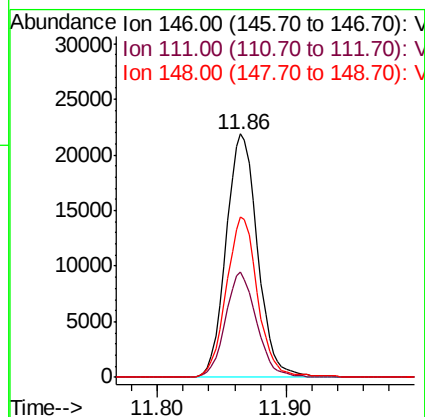
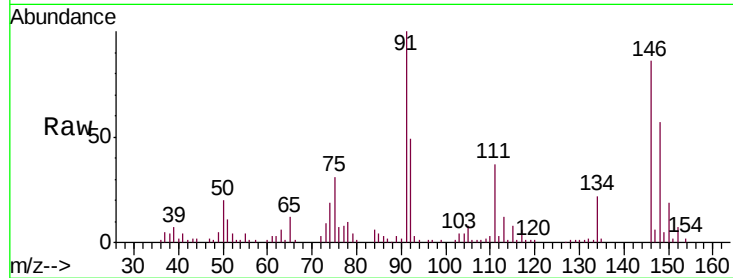




#85
 1,2-Dichlorobenzene
 Concen: 2.012 ug/l
 RT: 11.86 min Scan# 3351
 Delta R.T. -0.00 min
 Lab File: VU033389.D
 Acq: 24 Jul 2019 12:41

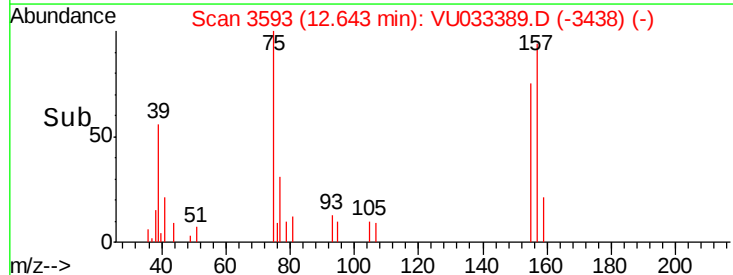
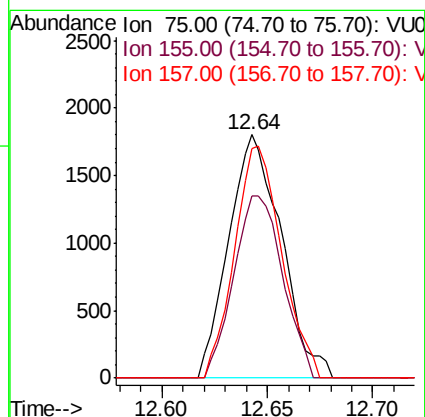
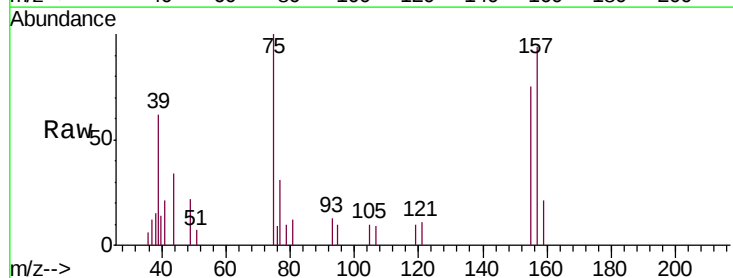
Instrument :
 MSVOA_U
 ClientSampleId :
 VU0724WBS01

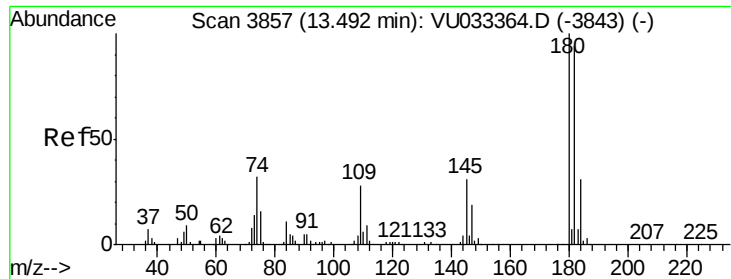
Tgt Ion:146 Resp: 37124
 Ion Ratio Lower Upper
 146 100
 111 42.6 21.7 65.1
 148 65.6 32.0 96.0



#86
 1,2-Dibromo-3-Chloropropane
 Concen: 2.166 ug/l
 RT: 12.64 min Scan# 3593
 Delta R.T. -0.00 min
 Lab File: VU033389.D
 Acq: 24 Jul 2019 12:41

Tgt Ion: 75 Resp: 3119
 Ion Ratio Lower Upper
 75 100
 155 69.7 63.3 94.9
 157 85.2 82.5 123.7

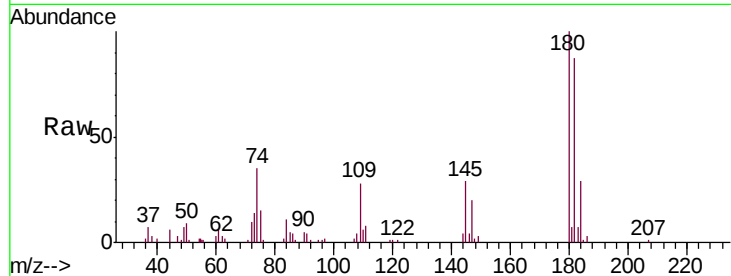




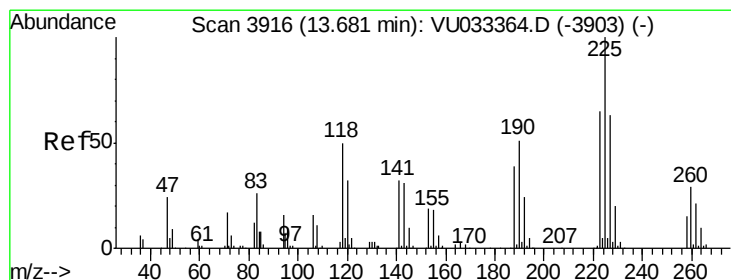
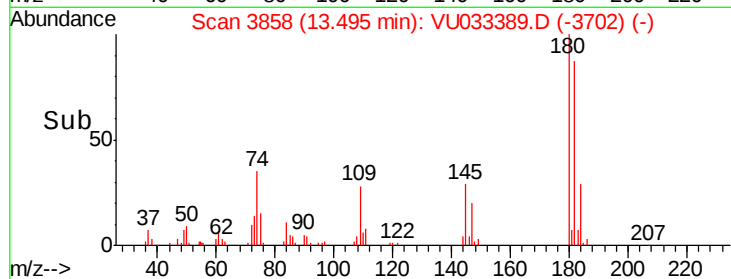
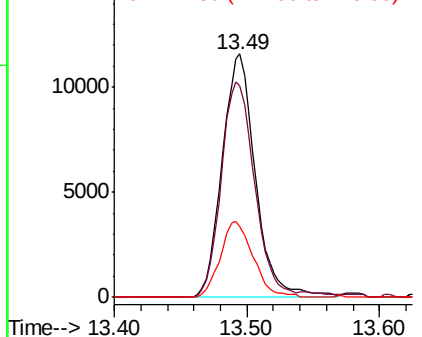
#87
 1,2,4-Trichlorobenzene
 Concen: 1.840 ug/l
 RT: 13.49 min Scan# 3857
 Delta R.T. 0.00 min
 Lab File: VU033389.D
 Acq: 24 Jul 2019 12:41

Instrument :
 MSVOA_U
 ClientSampleId :
 VU0724WBS01

Tgt Ion:180 Resp: 20204
 Ion Ratio Lower Upper
 180 100
 182 88.5 76.2 114.4
 145 30.7 25.0 37.4

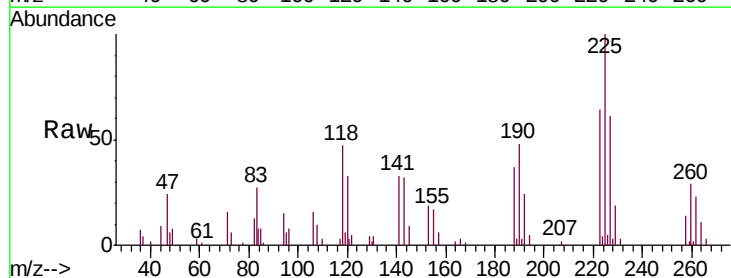


Abundance Ion 179.70 (179.40 to 180.40): V
 Ion 181.80 (181.50 to 182.50): V
 Ion 144.80 (144.50 to 145.50): V

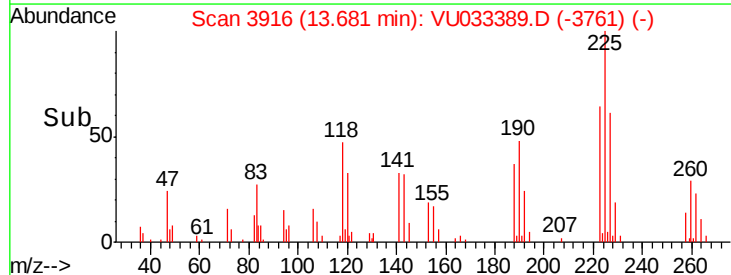
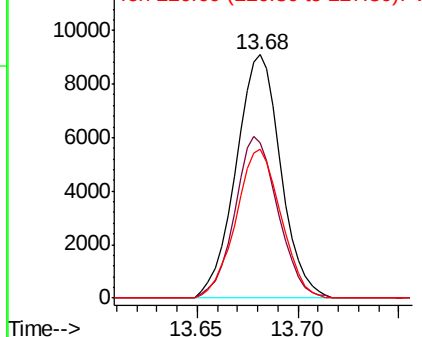


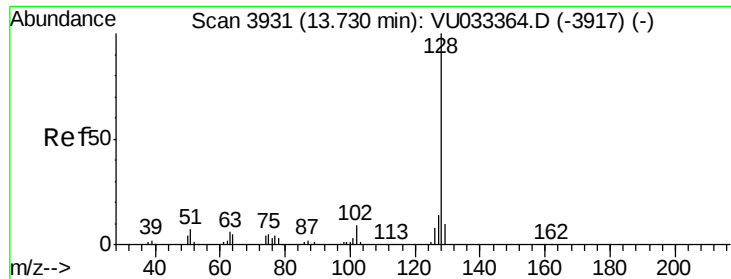
#88
 Hexachlorobutadiene
 Concen: 2.084 ug/l
 RT: 13.68 min Scan# 3916
 Delta R.T. -0.00 min
 Lab File: VU033389.D
 Acq: 24 Jul 2019 12:41

Tgt Ion:225 Resp: 14112
 Ion Ratio Lower Upper
 225 100
 223 64.2 52.2 78.4
 227 61.5 51.7 77.5



Abundance Ion 224.60 (224.30 to 225.30): V
 Ion 222.60 (222.30 to 223.30): V
 Ion 226.60 (226.30 to 227.30): V





#89

Naphthalene

Concen: 1.741 ug/l

RT: 13.73 min Scan# 3932

Delta R.T. 0.00 min

Lab File: VU033389.D

Acq: 24 Jul 2019 12:41

Instrument :

MSVOA_U

ClientSampleId :

VU0724WBS01

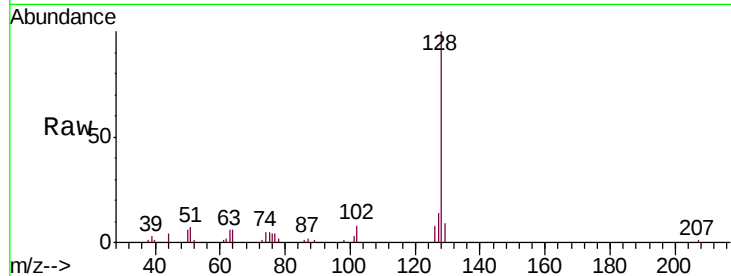
Tgt Ion:128 Resp: 28905

Ion Ratio Lower Upper

128 100

127 13.7 10.8 16.2

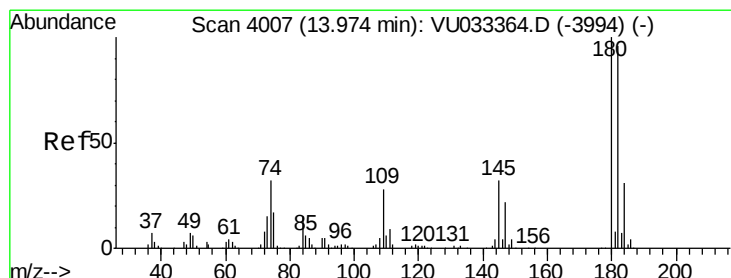
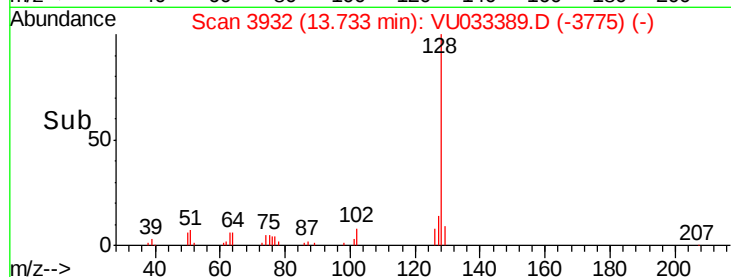
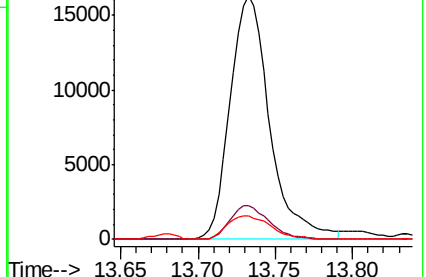
129 10.7 8.5 12.7



Abundance Ion 128.00 (127.70 to 128.70): V

Ion 127.00 (126.70 to 127.70): V

Ion 129.00 (128.70 to 129.70): V



#90

1,2,3-Trichlorobenzene

Concen: 1.741 ug/l

RT: 13.98 min Scan# 4008

Delta R.T. 0.00 min

Lab File: VU033389.D

Acq: 24 Jul 2019 12:41

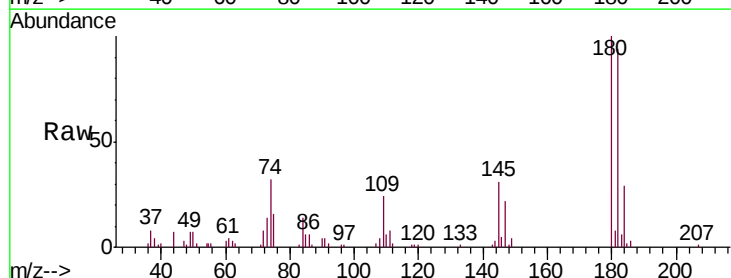
Tgt Ion:180 Resp: 18558

Ion Ratio Lower Upper

180 100

182 97.2 77.9 116.9

145 32.2 25.8 38.8



Abundance Ion 179.70 (179.40 to 180.40): V

Ion 181.70 (181.40 to 182.40): V

Ion 144.80 (144.50 to 145.50): V

